

A seed phrase is the binary of a key in word form, taken from the BIP word list in the following pages.
 All but the final word can be looked up—The final word is a combination of the remaining key binary and a check digit.
TO DERIVE THE FINAL WORD ENTER THE REMAINING BINARY INTO A SPREADSHEET OR SEEDSIGNER.

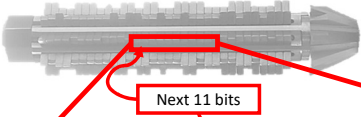
SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE
 SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE
THIS PAGE IS AN EXAMPLE OF READING A 256-BIT KEY FOR 24 WORD SEED PHRASE.

Read and transcribe the first 11 bits starting from the top of the key on the highest-numbered side working downward (recommended)



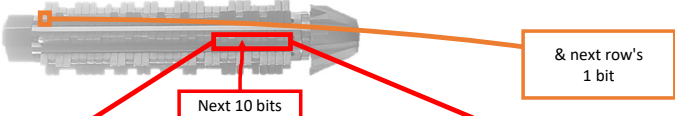
	1024	512	256	128	64	32	16	8	4	2	1	SUM	LIST WORD	
HIGHEST	1	0	1	1	0	1	0	0	1	1	1	1447	reject	WORD 1
1ST 11 BITS	1	0	1	1	0	1	0	0	1	1	1			

Read and transcribe the second 11 bits in order until you reach the bottom of the side.



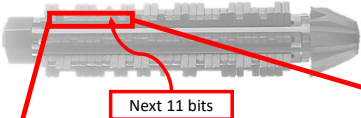
	1024	512	256	128	64	32	16	8	4	2	1	SUM	LIST WORD	
2ND 11 BITS	0	1	0	1	0	1	1	0	0	0	1	689	file	WORD 2

Once you reach the bottom of the side continue to the next-lower-numbered side of the key.



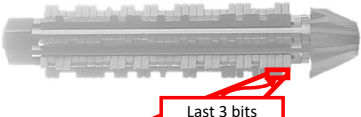
	1024	512	256	128	64	32	16	8	4	2	1	SUM	LIST WORD	
3RD 11 BITS	0	1	1	0	1	1	1	1	1	0	1	893	hurry	WORD 3

Continue until all but the leftover bits are transcribed.



	1024	512	256	128	64	32	16	8	4	2	1	SUM	LIST WORD	
4TH 11 BITS	1	0	0	1	0	1	0	0	0	1	1	1187	nerve	WORD 4

All but the final word can be looked up. The final word is a combination of the remaining key bits and a check digit.
 The check digit must be derived from an offline spreadsheet or SeedSigner.



	1024	512	256	128	64	32	16	8	4	2	1			
LAST 3 BITS	1	0	1											WORD 24

	1024	512	256	128	64	32	16	8	4	2	1	SUM	WORD	
EXAMPLE	1	0	1	0	0	1	0	0	1	1	0	1318	pill	EXAMPLE

Example: Add 1024 + 256 + 32 + 4 + 2 = 1318 and lookup SUM in the Word List

128 BIT 12 WORD KEY

PRINT THESE PAGES AND MANUALLY ENTER THE 1's AND 0's FROM THE GENESIS KEY
START WITH THE MOST SIGNIFICANT 11 BITS. THIS PAGE IS A 12 WORD KEY
 Sum each row's value and lookup the word from the Word List.
WORD ORDER MATTERS. FINAL WORD IS GENERATED FROM SHA 256 HASH.

	SUM											WORD	
HIGHEST	1024	512	256	128	64	32	16	8	4	2	1		WORD 1
1ST 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 2
2ND 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 3
3RD 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 4
4TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 5
5TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 6
6TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 7
7TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 8
8TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 9
9TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 10
10TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 11
11TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 12
LAST 7 BITS													

Example: Add 1024 + 256 + 32 + 4 + 2 = 1318 and lookup SUM in the Word List

	SUM											WORD	
EXAMPLE	1024	512	256	128	64	32	16	8	4	2	1	1318	pill
	1	0	1	0	0	1	0	0	1	1	0	EXAMPLE	

256 BIT 24 WORD KEY

PRINT THESE PAGES AND MANUALLY ENTER THE 1's AND 0's FROM THE GENESIS KEY TO DERIVE SEED PHRASE

START WITH THE MOST SIGNIFICANT 11 BITS. THIS PAGE IS A 24 WORD KEY

Sum each row's value and lookup the word from the Word List.

WORD ORDER MATTERS. FINAL WORD IS GENERATED FROM SHA 256 HASH.

	SUM											LIST WORD	
HIGHEST	1024	512	256	128	64	32	16	8	4	2	1		WORD 1
1ST 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 2
2ND 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 3
3RD 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 4
4TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 5
5TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 6
6TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 7
7TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 8
8TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 9
9TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 10
10TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 11
11TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 12
12TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 13
13TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 14
14TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 15
15TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 16
16TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 17
17TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 18
18TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 19
19TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 20
20TH 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 21
21ST 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 22
22ND 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 23
23RD 11 BITS													
	1024	512	256	128	64	32	16	8	4	2	1		WORD 24
LAST 3 BITS													

Example: Add 1024 + 256 + 32 + 4 + 2 = 1318 and lookup SUM in the Word List

	SUM											WORD	
EXAMPLE	1024	512	256	128	64	32	16	8	4	2	1	1318	pill
	1	0	1	0	0	1	0	0	1	1	0	EXAMPLE	

BIP WORD LIST (from word number 0 to 399)

Word No.	Word
0	abandon
1	ability
2	able
3	about
4	above
5	absent
6	absorb
7	abstract
8	absurd
9	abuse
10	access
11	accident
12	account
13	accuse
14	achieve
15	acid
16	acoustic
17	acquire
18	across
19	act
20	action
21	actor
22	actress
23	actual
24	adapt
25	add
26	addict
27	address
28	adjust
29	admit
30	adult
31	advance
32	advice
33	aerobic
34	affair
35	afford
36	afraid
37	again
38	age
39	agent
40	agree
41	ahead
42	aim
43	air
44	airport
45	aisle
46	alarm
47	album
48	alcohol
49	alert
50	alien
51	all
52	alley
53	allow
54	almost
55	alone
56	alpha
57	already
58	also
59	alter
60	always
61	amateur
62	amazing
63	among
64	amount
65	amused
66	analyst
67	anchor
68	ancient
69	anger
70	angle
71	angry
72	animal
73	ankle
74	announce
75	annual
76	another
77	answer
78	antenna
79	antique

Word No.	Word
80	anxiety
81	any
82	apart
83	apology
84	appear
85	apple
86	approve
87	april
88	arch
89	arctic
90	area
91	arena
92	argue
93	arm
94	armed
95	armor
96	army
97	around
98	arrange
99	arrest
100	arrive
101	arrow
102	art
103	artefact
104	artist
105	artwork
106	ask
107	aspect
108	assault
109	asset
110	assist
111	assume
112	asthma
113	athlete
114	atom
115	attack
116	attend
117	attitude
118	attract
119	auction
120	audit
121	august
122	aunt
123	author
124	auto
125	autumn
126	average
127	avocado
128	avoid
129	awake
130	aware
131	away
132	awesome
133	awful
134	awkward
135	axis
136	baby
137	bachelor
138	bacon
139	badge
140	bag
141	balance
142	balcony
143	ball
144	bamboo
145	banana
146	banner
147	bar
148	barely
149	bargain
150	barrel
151	base
152	basic
153	basket
154	battle
155	beach
156	bean
157	beauty
158	because
159	become

Word No.	Word
160	beef
161	before
162	begin
163	behave
164	behind
165	believe
166	below
167	belt
168	bench
169	benefit
170	best
171	betray
172	better
173	between
174	beyond
175	bicycle
176	bid
177	bike
178	bind
179	biology
180	bird
181	birth
182	bitter
183	black
184	blade
185	blame
186	blanket
187	blast
188	bleak
189	bless
190	blind
191	blood
192	blossom
193	blouse
194	blue
195	blur
196	blush
197	board
198	boat
199	body
200	boil
201	bomb
202	bone
203	bonus
204	book
205	boost
206	border
207	boring
208	borrow
209	boss
210	bottom
211	bounce
212	box
213	boy
214	bracket
215	brain
216	brand
217	brass
218	brave
219	bread
220	breeze
221	brick
222	bridge
223	brief
224	bright
225	bring
226	brisk
227	broccoli
228	broken
229	bronze
230	broom
231	brother
232	brown
233	brush
234	bubble
235	buddy
236	budget
237	buffalo
238	build
239	bulb

Word No.	Word
240	bulk
241	bullet
242	bundle
243	bunker
244	burden
245	burger
246	burst
247	bus
248	business
249	busy
250	butter
251	buyer
252	buzz
253	cabbage
254	cabin
255	cabl
256	cactus
257	cage
258	cake
259	call
260	calm
261	camera
262	camp
263	can
264	canal
265	cancel
266	candy
267	cannon
268	canoe
269	canvas
270	canyon
271	capable
272	capital
273	captain
274	car
275	carbon
276	card
277	cargo
278	carpet
279	carry
280	cart
281	case
282	cash
283	casino
284	castle
285	casual
286	cat
287	catalog
288	catch
289	category
290	cattle
291	caught
292	cause
293	caution
294	cave
295	ceiling
296	celery
297	cement
298	census
299	century
300	cereal
301	certain
302	chair
303	chalk
304	champion
305	change
306	chaos
307	chapter
308	charge
309	chase
310	chat
311	cheap
312	check
313	cheese
314	chef
315	cherry
316	chest
317	chicken
318	chief
319	child

Word No.	Word
320	chimney
321	choice
322	choose
323	chronic
324	chuckle
325	chunk
326	churn
327	cigar
328	cinnamon
329	circle
330	citizen
331	city
332	civil
333	claim
334	clap
335	clarify
336	claw
337	clay
338	clean
339	clerk
340	clever
341	click
342	client
343	cliff
344	climb
345	clinic
346	clip
347	clock
348	clog
349	close
350	cloth
351	cloud
352	clown
353	club
354	clump
355	cluster
356	clutch
357	coach
358	coast
359	coconut
360	code
361	coffee
362	coil
363	coin
364	collect
365	color
366	column
367	combine
368	come
369	comfort
370	comic
371	common
372	company
373	concert
374	conduct
375	confirm
376	Congress
377	connect
378	consider
379	control
380	convince
381	cook
382	cool
383	copper
384	copy
385	coral
386	core
387	corn
388	correct
389	cost
390	cotton
391	couch
392	country
393	couple
394	course
395	cousin
396	cover
397	coyote
398	crack
399	cradle

BIP WORD LIST (from word number 400 to 799)

Word No.	Word
400	craft
401	cram
402	crane
403	crash
404	crater
405	crawl
406	crazy
407	cream
408	credit
409	creek
410	crew
411	cricket
412	crime
413	crisp
414	critic
415	crop
416	cross
417	crouch
418	crowd
419	crucial
420	cruel
421	cruise
422	crumble
423	crunch
424	crush
425	cry
426	crystal
427	cube
428	culture
429	cup
430	cupboard
431	curious
432	current
433	curtain
434	curve
435	cushion
436	custom
437	cute
438	cycle
439	dad
440	damage
441	damp
442	dance
443	danger
444	daring
445	dash
446	daughter
447	dawn
448	day
449	deal
450	debate
451	debris
452	decade
453	december
454	decide
455	decline
456	decorate
457	decrease
458	deer
459	defense
460	define
461	defy
462	degree
463	delay
464	deliver
465	demand
466	demise
467	denial
468	dentist
469	deny
470	depart
471	depend
472	deposit
473	depth
474	deputy
475	derive
476	describe
477	desert
478	design
479	desk

Word No.	Word
480	despair
481	destroy
482	detail
483	detect
484	develop
485	device
486	devote
487	diagram
488	dial
489	diamond
490	diary
491	dice
492	diesel
493	diet
494	differ
495	digital
496	dignity
497	dilemma
498	dinner
499	dinosaur
500	direct
501	dirt
502	disagree
503	discover
504	disease
505	dish
506	dismiss
507	disorder
508	display
509	distance
510	divert
511	divide
512	divorce
513	dizzy
514	doctor
515	document
516	dog
517	doll
518	dolphin
519	domain
520	donate
521	donkey
522	donor
523	door
524	dose
525	double
526	dove
527	draft
528	dragon
529	drama
530	drastic
531	draw
532	dream
533	dress
534	drift
535	drill
536	drink
537	drip
538	drive
539	drop
540	drum
541	dry
542	duck
543	dumb
544	dune
545	during
546	dust
547	dutch
548	duty
549	dwarf
550	dynamic
551	eager
552	eagle
553	early
554	earn
555	earth
556	easily
557	east
558	easy
559	echo

Word No.	Word
560	ecology
561	economy
562	edge
563	edit
564	educate
565	effort
566	egg
567	eight
568	either
569	elbow
570	elder
571	electric
572	elegant
573	element
574	elephant
575	elevator
576	elite
577	else
578	embark
579	embody
580	embrace
581	emerge
582	emotion
583	employ
584	empower
585	empty
586	enable
587	enact
588	end
589	endless
590	endorse
591	enemy
592	energy
593	enforce
594	engage
595	engine
596	enhance
597	enjoy
598	enlist
599	enough
600	enrich
601	enroll
602	ensure
603	enter
604	entire
605	entry
606	envelope
607	episode
608	equal
609	equip
610	era
611	erase
612	erode
613	erosion
614	error
615	erupt
616	escape
617	essay
618	essence
619	estate
620	eternal
621	ethics
622	evidence
623	evil
624	evoke
625	evolve
626	exact
627	example
628	excess
629	exchange
630	excite
631	exclude
632	excuse
633	execute
634	exercise
635	exhaust
636	exhibit
637	exile
638	exist
639	exit

Word No.	Word
640	exotic
641	expand
642	expect
643	expire
644	explain
645	expose
646	express
647	extend
648	extra
649	eye
650	eyebrow
651	fabric
652	face
653	faculty
654	fade
655	faint
656	faith
657	fall
658	false
659	fame
660	family
661	famous
662	fan
663	fancy
664	fantasy
665	farm
666	fashion
667	fat
668	fatal
669	father
670	fatigue
671	fault
672	favorite
673	feature
674	february
675	federal
676	fee
677	feed
678	feel
679	female
680	fence
681	festival
682	fetch
683	fever
684	few
685	fiber
686	fiction
687	field
688	figure
689	file
690	film
691	filter
692	final
693	find
694	fine
695	finger
696	finish
697	fire
698	firm
699	first
700	fiscal
701	fish
702	fit
703	fitness
704	fix
705	flag
706	flame
707	flash
708	flat
709	flavor
710	flee
711	flight
712	flip
713	float
714	flock
715	floor
716	flower
717	fluid
718	flush
719	fly

Word No.	Word
720	foam
721	focus
722	fog
723	foil
724	fold
725	follow
726	food
727	foot
728	force
729	forest
730	forget
731	fork
732	fortune
733	forum
734	forward
735	fossil
736	foster
737	found
738	fox
739	fragile
740	frame
741	frequent
742	fresh
743	friend
744	fringe
745	frog
746	front
747	frost
748	frown
749	frozen
750	fruit
751	fuel
752	fun
753	funny
754	furnace
755	fury
756	future
757	gadget
758	gain
759	galaxy
760	gallery
761	game
762	gap
763	garage
764	garbage
765	garden
766	garlic
767	garment
768	gas
769	gasp
770	gate
771	gather
772	gauge
773	gaze
774	general
775	genius
776	genre
777	gentle
778	genuine
779	gesture
780	ghost
781	giant
782	gift
783	giggle
784	ginger
785	giraffe
786	girl
787	give
788	glad
789	glance
790	glare
791	glass
792	glide
793	glimpse
794	globe
795	gloom
796	glory
797	glove
798	glow
799	glue

BIP WORD LIST (from word number 800 to 1199)

Word No.	Word
800	goat
801	goddess
802	gold
803	good
804	goose
805	gorilla
806	gospel
807	gossip
808	govern
809	gown
810	grab
811	grace
812	grain
813	grant
814	grape
815	grass
816	gravity
817	great
818	green
819	grid
820	grief
821	grit
822	grocery
823	group
824	grow
825	grunt
826	guard
827	guess
828	guide
829	guilt
830	guitar
831	gun
832	gym
833	habit
834	hair
835	half
836	hammer
837	hamster
838	hand
839	happy
840	harbor
841	hard
842	harsh
843	harvest
844	hat
845	have
846	hawk
847	hazard
848	head
849	health
850	heart
851	heavy
852	hedghehog
853	height
854	hello
855	helmet
856	help
857	hen
858	hero
859	hidden
860	high
861	hill
862	hint
863	hip
864	hire
865	history
866	hobby
867	hockey
868	hold
869	hole
870	holiday
871	hollow
872	home
873	honey
874	hood
875	hope
876	horn
877	horror
878	horse
879	hospital

Word No.	Word
880	host
881	hotel
882	hour
883	hover
884	hub
885	huge
886	human
887	humble
888	humor
889	hundred
890	hungry
891	hunt
892	hurdle
893	hurry
894	hurt
895	husband
896	hybrid
897	ice
898	icon
899	idea
900	identify
901	idle
902	ignore
903	ill
904	illegal
905	illness
906	image
907	imitate
908	immense
909	immune
910	impact
911	impose
912	improve
913	impulse
914	inch
915	include
916	income
917	increase
918	index
919	indicate
920	indoor
921	industry
922	infant
923	inflict
924	inform
925	inhale
926	inherit
927	initial
928	inject
929	injury
930	inmate
931	inner
932	innocent
933	input
934	inquiry
935	insane
936	insect
937	inside
938	inspire
939	install
940	intact
941	interest
942	into
943	invest
944	invite
945	involve
946	iron
947	island
948	isolate
949	issue
950	item
951	ivory
952	jacket
953	jaguar
954	jar
955	jazz
956	jealous
957	jeans
958	jelly
959	jewel

Word No.	Word
960	job
961	join
962	joke
963	journey
964	joy
965	judge
966	juice
967	jump
968	jungle
969	junior
970	junk
971	just
972	kangaroo
973	keen
974	keep
975	ketchup
976	key
977	kick
978	kid
979	kidney
980	kind
981	kingdom
982	kiss
983	kit
984	kitchen
985	kite
986	kitten
987	kiwi
988	knee
989	knife
990	knock
991	know
992	lab
993	label
994	labor
995	ladder
996	lady
997	lake
998	lamp
999	language
1000	laptop
1001	large
1002	later
1003	latin
1004	laugh
1005	laundry
1006	lava
1007	law
1008	lawn
1009	lawsuit
1010	layer
1011	lazy
1012	leader
1013	leaf
1014	learn
1015	leave
1016	lecture
1017	left
1018	leg
1019	legal
1020	legend
1021	leisure
1022	lemon
1023	lend
1024	length
1025	lens
1026	leopard
1027	lesson
1028	letter
1029	level
1030	liar
1031	liberty
1032	library
1033	license
1034	life
1035	lift
1036	light
1037	like
1038	limb
1039	limit

Word No.	Word
1040	link
1041	lion
1042	liquid
1043	list
1044	little
1045	live
1046	lizard
1047	load
1048	loan
1049	lobster
1050	local
1051	lock
1052	logic
1053	lonely
1054	long
1055	loop
1056	lottery
1057	loud
1058	lounge
1059	love
1060	loyal
1061	lucky
1062	luggage
1063	lumber
1064	lunar
1065	lunch
1066	luxury
1067	lyrics
1068	machine
1069	mad
1070	magic
1071	magnet
1072	maid
1073	mail
1074	main
1075	major
1076	make
1077	mammal
1078	man
1079	manage
1080	mandate
1081	mango
1082	mansion
1083	manual
1084	maple
1085	marble
1086	march
1087	margin
1088	marine
1089	market
1090	marriage
1091	mask
1092	mass
1093	master
1094	match
1095	material
1096	math
1097	matrix
1098	matter
1099	maximum
1100	maze
1101	meadow
1102	mean
1103	measure
1104	meat
1105	mechanic
1106	medal
1107	media
1108	melody
1109	melt
1110	member
1111	memory
1112	mention
1113	menu
1114	mercy
1115	merge
1116	merit
1117	merry
1118	mesh
1119	message

Word No.	Word
1120	metal
1121	method
1122	middle
1123	midnight
1124	milk
1125	million
1126	mimic
1127	mind
1128	minimum
1129	minor
1130	minute
1131	miracle
1132	mirror
1133	misery
1134	miss
1135	mistake
1136	mix
1137	mixed
1138	mixture
1139	mobile
1140	model
1141	modify
1142	mom
1143	moment
1144	monitor
1145	monkey
1146	monster
1147	month
1148	moon
1149	moral
1150	more
1151	morning
1152	mosquito
1153	mother
1154	motion
1155	motor
1156	mountain
1157	mouse
1158	move
1159	movie
1160	much
1161	muffin
1162	mule
1163	multiply
1164	muscle
1165	museum
1166	mushroom
1167	music
1168	must
1169	mutual
1170	myself
1171	mystery
1172	myth
1173	naive
1174	name
1175	napkin
1176	narrow
1177	nasty
1178	nation
1179	nature
1180	near
1181	neck
1182	need
1183	negative
1184	neglect
1185	neither
1186	nephew
1187	nerve
1188	nest
1189	net
1190	network
1191	neutral
1192	never
1193	news
1194	next
1195	nice
1196	night
1197	noble
1198	noise
1199	nominee

BIP WORD LIST (from word number 1200 to 1599)

Word No.	Word
1200	noodle
1201	normal
1202	north
1203	nose
1204	notable
1205	note
1206	nothing
1207	notice
1208	novel
1209	now
1210	nuclear
1211	number
1212	nurse
1213	nut
1214	oak
1215	obey
1216	object
1217	oblige
1218	obscure
1219	observe
1220	obtain
1221	obvious
1222	occur
1223	ocean
1224	october
1225	odor
1226	off
1227	offer
1228	office
1229	often
1230	oil
1231	okay
1232	old
1233	olive
1234	olympic
1235	omit
1236	once
1237	one
1238	onion
1239	online
1240	only
1241	open
1242	opera
1243	opinion
1244	oppose
1245	option
1246	orange
1247	orbit
1248	orchard
1249	order
1250	ordinary
1251	organ
1252	orient
1253	original
1254	orphan
1255	ostrich
1256	other
1257	outdoor
1258	outer
1259	output
1260	outside
1261	oval
1262	oven
1263	over
1264	own
1265	owner
1266	oxygen
1267	oyster
1268	ozone
1269	pact
1270	paddle
1271	page
1272	pair
1273	palace
1274	palm
1275	panda
1276	panel
1277	panic
1278	panther
1279	paper

Word No.	Word
1280	parade
1281	parent
1282	park
1283	parrot
1284	party
1285	pass
1286	patch
1287	path
1288	patient
1289	patrol
1290	pattern
1291	pause
1292	pave
1293	payment
1294	peace
1295	peanut
1296	pear
1297	peasant
1298	pelican
1299	pen
1300	penalty
1301	pencil
1302	people
1303	pepper
1304	perfect
1305	permit
1306	person
1307	pet
1308	phone
1309	photo
1310	phrase
1311	physical
1312	piano
1313	picnic
1314	picture
1315	piece
1316	pig
1317	pigeon
1318	pill
1319	pilot
1320	pink
1321	pioneer
1322	pipe
1323	pistol
1324	pitch
1325	pizza
1326	place
1327	planet
1328	plastic
1329	plate
1330	play
1331	please
1332	pledge
1333	pluck
1334	plug
1335	plunge
1336	poem
1337	poet
1338	point
1339	polar
1340	pole
1341	police
1342	pond
1343	pony
1344	pool
1345	popular
1346	portion
1347	position
1348	possible
1349	post
1350	potato
1351	pottery
1352	poverty
1353	powder
1354	power
1355	practice
1356	praise
1357	predict
1358	prefer
1359	prepare

Word No.	Word
1360	present
1361	pretty
1362	prevent
1363	price
1364	pride
1365	primary
1366	print
1367	priority
1368	prison
1369	private
1370	prize
1371	problem
1372	process
1373	produce
1374	profit
1375	program
1376	project
1377	promote
1378	proof
1379	property
1380	prosper
1381	protect
1382	proud
1383	provide
1384	public
1385	pudding
1386	pull
1387	pulp
1388	pulse
1389	pumpkin
1390	punch
1391	pupil
1392	puppy
1393	purchase
1394	purity
1395	purpose
1396	purse
1397	push
1398	put
1399	puzzle
1400	pyramid
1401	quality
1402	quantum
1403	quarter
1404	question
1405	quick
1406	quit
1407	quiz
1408	quote
1409	rabbit
1410	raccoon
1411	race
1412	rack
1413	radar
1414	radio
1415	rail
1416	rain
1417	raise
1418	rally
1419	ramp
1420	ranch
1421	random
1422	range
1423	rapid
1424	rare
1425	rate
1426	rather
1427	raven
1428	raw
1429	razor
1430	ready
1431	real
1432	reason
1433	rebel
1434	rebuild
1435	recall
1436	receive
1437	recipe
1438	record
1439	recycle

Word No.	Word
1440	reduce
1441	reflect
1442	reform
1443	refuse
1444	region
1445	regret
1446	regular
1447	reject
1448	relax
1449	release
1450	relief
1451	rely
1452	remain
1453	remember
1454	remind
1455	remove
1456	render
1457	renew
1458	rent
1459	reopen
1460	repair
1461	repeat
1462	replace
1463	report
1464	require
1465	rescue
1466	resemble
1467	resist
1468	resource
1469	response
1470	result
1471	retire
1472	retreat
1473	return
1474	reunion
1475	reveal
1476	review
1477	reward
1478	rhythm
1479	rib
1480	ribbon
1481	rice
1482	rich
1483	ride
1484	ridge
1485	rifle
1486	right
1487	rigid
1488	ring
1489	riot
1490	ripple
1491	risk
1492	ritual
1493	rival
1494	river
1495	road
1496	roast
1497	robot
1498	robust
1499	rocket
1500	romance
1501	roof
1502	rookie
1503	room
1504	rose
1505	rotate
1506	rough
1507	round
1508	route
1509	royal
1510	rubber
1511	rude
1512	rug
1513	rule
1514	run
1515	runway
1516	rural
1517	sad
1518	saddle
1519	sadness

Word No.	Word
1520	safe
1521	sail
1522	salad
1523	salmon
1524	salon
1525	salt
1526	salute
1527	same
1528	sample
1529	sand
1530	satisfy
1531	satoshi
1532	sauce
1533	sausage
1534	save
1535	say
1536	scale
1537	scan
1538	scare
1539	scatter
1540	scene
1541	scheme
1542	school
1543	science
1544	scissors
1545	scorpion
1546	scout
1547	scrap
1548	screen
1549	script
1550	scrub
1551	sea
1552	search
1553	season
1554	seat
1555	second
1556	secret
1557	section
1558	security
1559	seed
1560	seek
1561	segment
1562	select
1563	sell
1564	seminar
1565	senior
1566	sense
1567	sentence
1568	series
1569	service
1570	session
1571	settle
1572	setup
1573	seven
1574	shadow
1575	shaft
1576	shallow
1577	share
1578	shed
1579	shell
1580	sheriff
1581	shield
1582	shift
1583	shine
1584	ship
1585	shiver
1586	shock
1587	shoe
1588	shoot
1589	shop
1590	short
1591	shoulder
1592	shove
1593	shrimp
1594	shrug
1595	shuffle
1596	shy
1597	sibling
1598	sick
1599	side

BIP WORD LIST (from word number 1600 to 1999)

Word No.	Word
1600	siege
1601	sight
1602	sign
1603	silent
1604	silk
1605	silly
1606	silver
1607	similar
1608	simple
1609	since
1610	sing
1611	siren
1612	sister
1613	situate
1614	six
1615	size
1616	skate
1617	sketch
1618	ski
1619	skill
1620	skin
1621	skirt
1622	skull
1623	slab
1624	slam
1625	sleep
1626	slender
1627	slice
1628	slide
1629	slight
1630	slim
1631	slogan
1632	slot
1633	slow
1634	slush
1635	small
1636	smart
1637	smile
1638	smoke
1639	smooth
1640	snack
1641	snake
1642	snap
1643	sniff
1644	snow
1645	soap
1646	soccer
1647	social
1648	sock
1649	soda
1650	soft
1651	solar
1652	soldier
1653	solid
1654	solution
1655	solve
1656	someone
1657	song
1658	soon
1659	sorry
1660	sort
1661	soul
1662	sound
1663	soup
1664	source
1665	south
1666	space
1667	spare
1668	spatial
1669	spawn
1670	speak
1671	special
1672	speed
1673	spell
1674	spend
1675	sphere
1676	spice
1677	spider
1678	spike
1679	spin

Word No.	Word
1680	spirit
1681	split
1682	spoil
1683	sponsor
1684	spoon
1685	sport
1686	spot
1687	spray
1688	spread
1689	spring
1690	spy
1691	square
1692	squeeze
1693	squirrel
1694	stable
1695	stadium
1696	staff
1697	stage
1698	stairs
1699	stamp
1700	stand
1701	start
1702	state
1703	stay
1704	steak
1705	steel
1706	stem
1707	step
1708	stereo
1709	stick
1710	still
1711	sting
1712	stock
1713	stomach
1714	stone
1715	stool
1716	story
1717	stove
1718	strategy
1719	street
1720	strike
1721	strong
1722	struggle
1723	student
1724	stuff
1725	stumble
1726	style
1727	subject
1728	submit
1729	subway
1730	success
1731	such
1732	sudden
1733	suffer
1734	sugar
1735	suggest
1736	suit
1737	summer
1738	sun
1739	sunny
1740	sunset
1741	super
1742	supply
1743	supreme
1744	sure
1745	surface
1746	surge
1747	surprise
1748	surround
1749	survey
1750	suspect
1751	sustain
1752	swallow
1753	swamp
1754	swap
1755	swarm
1756	swear
1757	sweet
1758	swift
1759	swim

Word No.	Word
1760	swing
1761	switch
1762	sword
1763	symbol
1764	symptom
1765	syrup
1766	system
1767	table
1768	tackle
1769	tag
1770	tail
1771	talent
1772	talk
1773	tank
1774	tape
1775	target
1776	task
1777	taste
1778	tattoo
1779	taxi
1780	teach
1781	team
1782	tell
1783	ten
1784	tenant
1785	tennis
1786	tent
1787	term
1788	test
1789	text
1790	thank
1791	that
1792	theme
1793	then
1794	theory
1795	there
1796	they
1797	thing
1798	this
1799	thought
1800	three
1801	thrive
1802	throw
1803	thumb
1804	thunder
1805	ticket
1806	tide
1807	tiger
1808	tilt
1809	timber
1810	time
1811	tiny
1812	tip
1813	tired
1814	tissue
1815	title
1816	toast
1817	tobacco
1818	today
1819	toddler
1820	toe
1821	together
1822	toilet
1823	token
1824	tomato
1825	tomorrow
1826	tone
1827	tongue
1828	tonight
1829	tool
1830	tooth
1831	top
1832	topic
1833	topple
1834	torch
1835	tornado
1836	tortoise
1837	toss
1838	total
1839	tourist

Word No.	Word
1840	toward
1841	tower
1842	town
1843	toy
1844	track
1845	trade
1846	traffic
1847	tragic
1848	train
1849	transfer
1850	trap
1851	trash
1852	travel
1853	tray
1854	treat
1855	tree
1856	trend
1857	trial
1858	tribe
1859	trick
1860	trigger
1861	trim
1862	trip
1863	trophy
1864	trouble
1865	truck
1866	true
1867	truly
1868	trumpet
1869	trust
1870	truth
1871	try
1872	tube
1873	tuition
1874	tumble
1875	tuna
1876	tunnel
1877	turkey
1878	turn
1879	turtle
1880	twelve
1881	twenty
1882	twice
1883	twin
1884	twist
1885	two
1886	type
1887	typical
1888	ugly
1889	umbrella
1890	unable
1891	unaware
1892	uncle
1893	uncover
1894	under
1895	undo
1896	unfair
1897	unfold
1898	unhappy
1899	uniform
1900	unique
1901	unit
1902	universe
1903	unknown
1904	unlock
1905	until
1906	unusual
1907	unveil
1908	update
1909	upgrade
1910	uphold
1911	upon
1912	upper
1913	upset
1914	urban
1915	urge
1916	usage
1917	use
1918	used
1919	useful

Word No.	Word
1920	useless
1921	usual
1922	utility
1923	vacant
1924	vacuum
1925	vague
1926	valid
1927	valley
1928	valve
1929	van
1930	vanish
1931	vapor
1932	various
1933	vast
1934	vault
1935	vehicle
1936	velvet
1937	vendor
1938	venture
1939	venue
1940	verb
1941	verify
1942	version
1943	very
1944	vessel
1945	veteran
1946	viable
1947	vibrant
1948	vicious
1949	victory
1950	video
1951	view
1952	village
1953	vintage
1954	violin
1955	virtual
1956	virus
1957	visa
1958	visit
1959	visual
1960	vital
1961	vivid
1962	vocal
1963	voice
1964	void
1965	volcano
1966	volume
1967	vote
1968	voyage
1969	wage
1970	wagon
1971	wait
1972	walk
1973	wall
1974	walnut
1975	want
1976	warfare
1977	warm
1978	warrior
1979	wash
1980	wasp
1981	waste
1982	water
1983	wave
1984	way
1985	wealth
1986	weapon
1987	wear
1988	weasel
1989	weather
1990	web
1991	wedding
1992	weekend
1993	weird
1994	welcome
1995	west
1996	wet
1997	whale
1998	what
1999	wheat

BIP WORD LIST (from word number 2000 to 2047)

Word No.	Word
2000	wheel
2001	when
2002	where
2003	whip
2004	whisper
2005	wide
2006	width
2007	wife
2008	wild
2009	will
2010	win
2011	window
2012	wine
2013	wing
2014	wink
2015	winner
2016	winter
2017	wire
2018	wisdom
2019	wise
2020	wish
2021	witness
2022	wolf
2023	woman
2024	wonder
2025	wood
2026	wool
2027	word
2028	work
2029	world
2030	worry
2031	worth
2032	wrap
2033	wreck
2034	wrestle
2035	wrist
2036	write
2037	wrong
2038	yard
2039	year
2040	yellow
2041	you
2042	young
2043	youth
2044	zebra
2045	zero
2046	zone
2047	zoo