

```

1
2 # *Version: Tlock 1.7
3
4 # *This product is from 'AOSP'
5
6 # *pip install speechrecognition cryptography gtts auto_py_to_exe ttkbootstrap PyAudio
7
8 from base64 import (b16decode, b16encode, b32decode, b32encode, b32hexdecode,
9                     b32hexencode, b64decode, b64encode, b85decode, b85encode,
10                    urlsafe_b64decode, urlsafe_b64encode)
11 from multiprocessing import Process
12 from os import getcwd, path, system
13 from threading import Thread
14 from tkinter import Label, filedialog, messagebox, scrolledtext, simpledialog
15 from webbrowser import open as open_link
16
17 import speech_recognition as sr
18 from cryptography.fernet import Fernet
19 from gtts import gTTS
20 from ttkbootstrap import DISABLED, END, Button, Menu, Window
21
22
23 def help_func():
24     open_link("ahmed-omar-software-projects.mydurable.com")
25
26
27 CWD = getcwd()
28 running_py_path = path.join(CWD, "temp.py")
29 running_js_path = path.join(CWD, "temp.js")
30
31
32 def main():
33
34     # * Alphabet And Keys
35     CHARACTERS = (
36         "a",
37         "b",
38         "c",
39         "d",
40         "e",
41         "f",
42         "g",
43         "h",
44         "i",
45         "j",
46         "k",
47         "l",
48         "m",
49         "n",
50         "o",
51         "p",
52         "q",
53         "r",
54         "s",
55         "t",
56         "u",
57         "v",
58         "w",
59         "x",
60         "y",
61         "z",
62         "A",
63         "B",
64         "C",
65         "D",
66         "E",
67         "F",

```

```
68      "G" /
69      "H" /
70      "I" /
71      "J" /
72      "K" /
73      "L" /
74      "M" /
75      "N" /
76      "O" /
77      "P" /
78      "Q" /
79      "R" /
80      "S" /
81      "T" /
82      "U" /
83      "V" /
84      "W" /
85      "X" /
86      "Y" /
87      "Z" /
88      "!" /
89      " " /
90      "#" /
91      "$" /
92      "%" /
93      "&" /
94      "'" /
95      "(" /
96      ")" /
97      "*" /
98      "+" /
99      "," /
100     "-" /
101     "." /
102     "/" /
103     ":" /
104     ";" /
105     "<" /
106     "=" /
107     ">" /
108     "?" /
109     "@" /
110     "[" /
111     "\\\" /
112     "]" /
113     "^" /
114     "_" /
115     "`" /
116     "{" /
117     "|" /
118     "}" /
119     "~" /
120     "0" /
121     "1" /
122     "2" /
123     "3" /
124     "4" /
125     "5" /
126     "6" /
127     "7" /
128     "8" /
129     "9" /
130 )
131 KEY_1 = (
132     "E" /
133     "I" /
134     "9" /
```

135	"~"
136	")"
137	"s"
138	"C"
139	"l"
140	"/"
141	"!"
142	"o"
143	"<"
144	"\$"
145	"]"
146	"M"
147	"z"
148	"X"
149	"\""
150	"Z"
151	"5"
152	"Q"
153	"S"
154	"h"
155	"t"
156	"e"
157	"7"
158	"}"
159	"?"
160	"O"
161	"i"
162	"i"
163	"Y"
164	"j"
165	"G"
166	"_"
167	"v"
168	"V"
169	"%"
170	"P"
171	"R"
172	"["
173	"p"
174	"r"
175	"g"
176	"U"
177	"@"
178	"("
179	"="
180	"W"
181	"A"
182	">"
183	"f"
184	"B"
185	"d"
186	"H"
187	"q"
188	"'"
189	"#"
190	"{"
191	"u"
192	"I"
193	"+"
194	"3"
195	"4"
196	"`"
197	"N"
198	"L"
199	";"
200	"J"
201	"8"

```
202         "m" /
203         "w" /
204         "6" /
205         "k" /
206         "-" /
207         "." /
208         "K" /
209         "b" /
210         "D" /
211         "&" /
212         "0" /
213         "x" /
214         "/" /
215         ":" /
216         "c" /
217         "T" /
218         "^" /
219         "2" /
220         "1" /
221         "F" /
222         "Y" /
223         "*" /
224         "a" /
225         "n" /
226     )
227     KEY_2 = (
228         "/" /
229         "u" /
230         "i" /
231         "5" /
232         ">" /
233         "6" /
234         "3" /
235         "7" /
236         "L" /
237         "<" /
238         "=" /
239         "H" /
240         "]" /
241         "`" /
242         "E" /
243         "R" /
244         "8" /
245         "\\\" /
246         "4" /
247         "B" /
248         "m" /
249         "0" /
250         "!" /
251         "Z" /
252         "|" /
253         "^" /
254         "Y" /
255         "X" /
256         "O" /
257         "T" /
258         "f" /
259         "M" /
260         "c" /
261         "W" /
262         "N" /
263         "G" /
264         ":" /
265         "P" /
266         "w" /
267         "1" /
268         "Q" /
```

```
269      "(" ,
270      "q" ,
271      "U" ,
272      "S" ,
273      "C" ,
274      "." ,
275      "d" ,
276      "&" ,
277      " " ,
278      "2" ,
279      "s" ,
280      "9" ,
281      "g" ,
282      ")" ,
283      "k" ,
284      "-" ,
285      "A" ,
286      "K" ,
287      "[" ,
288      "e" ,
289      "/" ,
290      "*" ,
291      "?" ,
292      "I" ,
293      "~" ,
294      "l" ,
295      "z" ,
296      "$" ,
297      "j" ,
298      "#" ,
299      "v" ,
300      "D" ,
301      "@" ,
302      "h" ,
303      "!" ,
304      "+" ,
305      "b" ,
306      "J" ,
307      "F" ,
308      "r" ,
309      "V" ,
310      "{" ,
311      "}" ,
312      ";" ,
313      "a" ,
314      "t" ,
315      "P" ,
316      "O" ,
317      "%" ,
318      "x" ,
319      "!" ,
320      "Y" ,
321      "n" ,
322  )
323  KEY_3 = (
324      "6" ,
325      "i" ,
326      "W" ,
327      "=" ,
328      "F" ,
329      "$" ,
330      "T" ,
331      "8" ,
332      "C" ,
333      "+" ,
334      "!" ,
335      "l" ,
```

336	"G"/
337	"<"/
338	"a"/
339	"("/
340	"J"/
341	"b"/
342	"K"/
343	"2"/
344	"Z"/
345	"7"/
346	"Q"/
347	"M"/
348	"f"/
349	"_"/
350	"o"/
351	"P"/
352	"5"/
353	"j"/
354	"r"/
355	"@"/
356	"m"/
357	"-"/
358	"p"/
359	";"/
360	"X"/
361	"x"/
362	"."/
363	"R"/
364	"["/
365	"A"/
366	":"/
367	"S"/
368	"?"/
369	"O"/
370	"V"/
371	"U"/
372	" "/
373	"w"/
374	"Y"/
375	">"/
376	"c"/
377	"N"/
378	"z"/
379	"e"/
380	"D"/
381	"}/
382	"*/
383	")"/
384	"v"/
385	"s"/
386	"H"/
387	"`"/
388	"%"/
389	"L"/
390	"/"/
391	"y"/
392	"3"/
393	"q"/
394	"I"/
395	"n"/
396	"9"/
397	"^"/
398	"#"/
399	"d"/
400	"J"/
401	"\\"/
402	"0"/

```
403         " " ,
404         "g" ,
405         "t" ,
406         "l" ,
407         "u" ,
408         "E" ,
409         "B" ,
410         "4" ,
411         " " ,
412         "k" ,
413         "&" ,
414         "h" ,
415         "/" ,
416         "~" ,
417         "{" ,
418     )
419     KEY_4 = (
420         "1" ,
421         "." ,
422         "&" ,
423         "q" ,
424         "Q" ,
425         "l" ,
426         "m" ,
427         "Z" ,
428         "Y" ,
429         ":" ,
430         " " ,
431         "C" ,
432         "|" ,
433         "i" ,
434         "A" ,
435         "r" ,
436         "O" ,
437         "}" ,
438         "5" ,
439         "x" ,
440         "J" ,
441         ">" ,
442         "d" ,
443         "K" ,
444         "!" ,
445         ")" ,
446         "]" ,
447         "F" ,
448         "V" ,
449         "j" ,
450         "@" ,
451         "t" ,
452         "4" ,
453         "E" ,
454         "[" ,
455         "p" ,
456         "7" ,
457         "$" ,
458         "h" ,
459         "c" ,
460         "M" ,
461         "6" ,
462         "/" ,
463         " " ,
464         "," ,
465         "`" ,
466         "9" ,
467         "\\ " ,
468         "3" ,
469         "s" ,
```

```
470      "D" /
471      "S" /
472      "<" /
473      "=" /
474      "b" /
475      ";" /
476      "*" /
477      "k" /
478      "2" /
479      "N" /
480      "L" /
481      "I" /
482      "e" /
483      "H" /
484      "X" /
485      "8" /
486      "{" /
487      "w" /
488      "z" /
489      "W" /
490      "P" /
491      "U" /
492      "0" /
493      "?" /
494      "%" /
495      "v" /
496      "g" /
497      "n" /
498      "R" /
499      "o" /
500      "-" /
501      "T" /
502      "_" /
503      "G" /
504      "^" /
505      "~" /
506      "a" /
507      "+" /
508      "u" /
509      "y" /
510      "(" /
511      "B" /
512      "#" /
513      "f" /
514  )
515  KEY_5 = (
516      "O" /
517      "p" /
518      "/" /
519      "1" /
520      "X" /
521      "3" /
522      ">" /
523      "5" /
524      "Q" /
525      "n" /
526      "T" /
527      "}" /
528      "@" /
529      "i" /
530      "#" /
531      "&" /
532      "P" /
533      "=" /
534      "g" /
535      "b" /
536      "d" /
```


537	"C"/
538	"f"/
539	"U"/
540	"A"/
541	"D"/
542	"%"/
543	"q"/
544	"G"/
545	"K"/
546	"\\"/
547	"`"/
548	"!"/
549	" "/
550	"k"/
551	"S"/
552	"R"/
553	"("/
554	"Y"/
555	"6"/
556	"^"/
557	"Y"/
558	")"/
559	"*"/
560	"j"/
561	"z"/
562	"l"/
563	"J"/
564	"N"/
565	"c"/
566	"W"/
567	"-"/
568	"e"/
569	"M"/
570	"2"/
571	"<"/
572	"h"/
573	"]"/
574	"?"/
575	":"/
576	"'"/
577	"7"/
578	"9"/
579	"H"/
580	"F"/
581	"w"/
582	"L"/
583	"Z"/
584	"s"/
585	"\$"/
586	"x"/
587	"B"/
588	"0"/
589	"["/
590	"I"/
591	"{"/
592	"m"/
593	"_"/
594	"r"/
595	"E"/
596	"."/
597	"t"/
598	"~"/
599	"a"/
600	"8"/
601	"i"/
602	+"/
603	"u"/

```
604         "v" /
605         "o" /
606         ", " /
607         "V" /
608         "4" /
609         "; " /
610     )
611     KEY_6 = (
612         ">" /
613         "S" /
614         "<" /
615         "B" /
616         "O" /
617         "[" /
618         "Y" /
619         "7" /
620         "0" /
621         "?" /
622         "!" /
623         "*" /
624         "X" /
625         "W" /
626         "i" /
627         "D" /
628         "8" /
629         "6" /
630         "4" /
631         "!" /
632         "r" /
633         "j" /
634         "f" /
635         "+" /
636         "c" /
637         "v" /
638         "P" /
639         " " /
640         "V̄" /
641         "H" /
642         "d" /
643         "q" /
644         "T" /
645         "R" /
646         "w" /
647         "h" /
648         "M" /
649         "Z" /
650         "J" /
651         "Y" /
652         "." /
653         ", " /
654         "K" /
655         "u" /
656         "9" /
657         "&" /
658         "`" /
659         "#" /
660         "s" /
661         "(" /
662         ":" /
663         "e" /
664         "p" /
665         "\\\" /
666         "^" /
667         "U" /
668         "n" /
669         "C" /
670         "}" /
```

```
671      "G" /
672      "-" /
673      "g" /
674      "z" /
675      "Q" /
676      "=" /
677      "N" /
678      "$" /
679      ";" /
680      "2" /
681      "]" /
682      "|" /
683      "E" /
684      "~" /
685      "k" /
686      "L" /
687      "!" /
688      "3" /
689      "1" /
690      "b" /
691      "/" /
692      "x" /
693      "t" /
694      "5" /
695      "l" /
696      ")" /
697      "%" /
698      "F" /
699      "A" /
700      "o" /
701      "a" /
702      "{" /
703      "@" /
704      "m" /
705      "I" /
706  )
707  KEY_7 = (
708      "Y" /
709      ":" /
710      "q" /
711      "S" /
712      "O" /
713      "+" /
714      "W" /
715      "w" /
716      "|" /
717      "m" /
718      "e" /
719      "%" /
720      "F" /
721      ";" /
722      "\\\" /
723      "R" /
724      "J" /
725      "I" /
726      "a" /
727      "i" /
728      "G" /
729      "/" /
730      "U" /
731      "8" /
732      "1" /
733      "x" /
734      "~" /
735      "B" /
736      "v" /
737      "#" /
```

```
738 "Z" /
739 "?" /
740 "A" /
741 "^" /
742 "@" /
743 "X" /
744 "," /
745 "7" /
746 "o" /
747 "s" /
748 "!" /
749 "." /
750 "<" /
751 "5" /
752 "C" /
753 "[" /
754 "*" /
755 "$" /
756 "&" /
757 "g" /
758 "j" /
759 ">" /
760 "4" /
761 "b" /
762 "-" /
763 "H" /
764 " " /
765 "r" /
766 "z" /
767 "E" /
768 "6" /
769 "T" /
770 "f" /
771 "d" /
772 "9" /
773 "(" /
774 "{" /
775 "h" /
776 "D" /
777 ")" /
778 "Q" /
779 "O" /
780 "`" /
781 "N" /
782 "2" /
783 "p" /
784 "l" /
785 "v" /
786 "K" /
787 "k" /
788 "t" /
789 "c" /
790 "]" /
791 "}" /
792 "=" /
793 "!" /
794 "n" /
795 "L" /
796 "Y" /
797 "M" /
798 "P" /
799 "3" /
800 "!" /
801 "u" /
802 )
803 KEY_8 = (
804 ">" /
```

805	" " /
806	"w" /
807	"+" /
808	") " /
809	"&" /
810	"Y" /
811	"D" /
812	" (" /
813	"M" /
814	"Z" /
815	"." /
816	"v" /
817	"r" /
818	"*" /
819	"T" /
820	"[" /
821	"s" /
822	"e" /
823	"n" /
824	"K" /
825	"0" /
826	"C" /
827	"5" /
828	"f" /
829	"L" /
830	"/" /
831	"I" /
832	"l" /
833	"`" /
834	"?" /
835	"W" /
836	"m" /
837	"x" /
838	"p" /
839	"3" /
840	"H" /
841	"," /
842	"\$" /
843	"A" /
844	"B" /
845	"<" /
846	"S" /
847	"X" /
848	"{" /
849	"]" /
850	"!" /
851	":" /
852	"4" /
853	"R" /
854	"6" /
855	"O" /
856	"a" /
857	"J" /
858	" " /
859	"q" /
860	"@" /
861	"7" /
862	"}" /
863	"g" /
864	" " /
865	"^" /
866	"%" /
867	"N" /
868	"\\" /
869	"Y" /
870	"1" /
871	"k" /

```
872      "E" /
873      "I" /
874      "C" /
875      "-" /
876      "P" /
877      "O" /
878      "Q" /
879      "~" /
880      "F" /
881      "2" /
882      "#" /
883      "z" /
884      "G" /
885      "h" /
886      ";" /
887      "9" /
888      "d" /
889      "U" /
890      "u" /
891      "t" /
892      "j" /
893      "i" /
894      "8" /
895      "b" /
896      "v" /
897      "=" /
898  )
899  KEY_9 = (
900      "g" /
901      "9" /
902      "z" /
903      "n" /
904      "w" /
905      "p" /
906      "[" /
907      "=" /
908      "J" /
909      "a" /
910      "}" /
911      "t" /
912      "Q" /
913      "Y" /
914      "V" /
915      " " /
916      "Ḡ" /
917      "^" /
918      "2" /
919      "{" /
920      "k" /
921      "u" /
922      "S" /
923      ";" /
924      "0" /
925      "L" /
926      "A" /
927      "-" /
928      "8" /
929      "1" /
930      "%" /
931      "|" /
932      "\\ " /
933      "i" /
934      "I" /
935      "U" /
936      "f" /
937      "+" /
938      "D" /
```

```
939      "(" ,
940      "<" ,
941      "O" ,
942      "r" ,
943      "C" ,
944      "P" ,
945      "o" ,
946      "R" ,
947      "H" ,
948      "c" ,
949      "#" ,
950      "6" ,
951      "4" ,
952      "x" ,
953      " " ,
954      "h" ,
955      ":" ,
956      "3" ,
957      "5" ,
958      "," ,
959      "!" ,
960      "&" ,
961      "N" ,
962      "j" ,
963      "$" ,
964      "@" ,
965      "I" ,
966      "F" ,
967      "m" ,
968      "q" ,
969      ")" ,
970      "B" ,
971      "." ,
972      "s" ,
973      "e" ,
974      "]" ,
975      "E" ,
976      "d" ,
977      "X" ,
978      "Z" ,
979      "/" ,
980      "M" ,
981      "K" ,
982      "W" ,
983      "?" ,
984      "T" ,
985      "Y" ,
986      "l" ,
987      ">" ,
988      "v" ,
989      "7" ,
990      "`" ,
991      "b" ,
992      "*" ,
993      "~" ,
994  )
995  KEY_10 = (
996      "n" ,
997      "f" ,
998      ">" ,
999      "p" ,
1000     "3" ,
1001     "F" ,
1002     "\\\" ,
1003     ":" ,
1004     "D" ,
1005     "h" ,
```

1006	"`"
1007	")"
1008	"("
1009	"<"
1010	"O"
1011	"R"
1012	"P"
1013	"u"
1014	"y"
1015	"8"
1016	"I"
1017	"!"
1018	"2"
1019	"*"
1020	"t"
1021	"v"
1022	"Y"
1023	"&"
1024	"/"
1025	"S"
1026	"L"
1027	"+"
1028	"5"
1029	"."
1030	"k"
1031	"m"
1032	"G"
1033	"{"
1034	"Z"
1035	"w"
1036	"0"
1037	"A"
1038	"e"
1039	";"
1040	"E"
1041	"U"
1042	"q"
1043	"["
1044	"N"
1045	"s"
1046	"^"
1047	"x"
1048	"C"
1049	"="
1050	" "
1051	"g"
1052	"J"
1053	"c"
1054	"~"
1055	"b"
1056	","
1057	"\$"
1058	"T"
1059	"]"
1060	"9"
1061	"Q"
1062	"a"
1063	"r"
1064	"4"
1065	"H"
1066	"v"
1067	"@"
1068	"_"
1069	"j"
1070	"i"
1071	"X"
1072	"6"


```

1073         "7",
1074         "}",
1075         "B",
1076         "?",
1077         "#",
1078         "M",
1079         "z",
1080         "!",
1081         "d",
1082         "W",
1083         "!",
1084         "_",
1085         "K",
1086         "O",
1087         "%",
1088         "l",
1089         "1",
1090     )
1091
1092     def reverser(text):
1093         return text[::-1]
1094
1095     def base16_encode(text):
1096         return b16encode(text.encode("utf-8")).decode("utf-8")
1097
1098     def base16_decode(text):
1099         return b16decode(text.encode("utf-8")).decode("utf-8")
1100
1101     def base32_encode(text):
1102         return b32encode(text.encode("utf-8")).decode("utf-8")
1103
1104     def base32_decode(text):
1105         return b32decode(text.encode("utf-8")).decode("utf-8")
1106
1107     def base64_encode(text):
1108         return b64encode(text.encode("utf-8")).decode("utf-8")
1109
1110     def base64_decode(text):
1111         return b64decode(text.encode("utf-8")).decode("utf-8")
1112
1113     def base85_encode(text):
1114         return b85encode(text.encode("utf-8")).decode("utf-8")
1115
1116     def base85_decode(text):
1117         return b85decode(text.encode("utf-8")).decode("utf-8")
1118
1119     def b32hex_encode(text):
1120         return b32hexencode(text.encode("utf-8")).decode("utf-8")
1121
1122     def b32hex_decode(text):
1123         return b32hexdecode(text.encode("utf-8")).decode("utf-8")
1124
1125     def b64_urlsafe_encode(text):
1126         return urlsafe_b64encode(text.encode("utf-8")).decode("utf-8")
1127
1128     def b64_urlsafe_decode(text):
1129         return urlsafe_b64decode(text.encode("utf-8")).decode("utf-8")
1130
1131     def mac1_encode(text):
1132         result = []
1133         for char in text:
1134             if char in CHARACTERS:
1135                 index = CHARACTERS.index(char)
1136                 result.append(KEY_1[index])
1137             else:
1138                 result.append(char)
1139         return "".join(result)

```

```
1140
1141 def mac1_decode(text):
1142     result = []
1143     for char in text:
1144         if char in KEY_1:
1145             index = KEY_1.index(char)
1146             result.append(CHARACTERS[index])
1147         else:
1148             result.append(char)
1149     return "".join(result)
1150
1151 def mac2_encode(text):
1152     result = []
1153     for char in text:
1154         if char in CHARACTERS:
1155             index = CHARACTERS.index(char)
1156             result.append(KEY_2[index])
1157         else:
1158             result.append(char)
1159     return "".join(result)
1160
1161 def mac2_decode(text):
1162     result = []
1163     for char in text:
1164         if char in KEY_2:
1165             index = KEY_2.index(char)
1166             result.append(CHARACTERS[index])
1167         else:
1168             result.append(char)
1169     return "".join(result)
1170
1171 def mac3_encode(text):
1172     result = []
1173     for char in text:
1174         if char in CHARACTERS:
1175             index = CHARACTERS.index(char)
1176             result.append(KEY_3[index])
1177         else:
1178             result.append(char)
1179     return "".join(result)
1180
1181 def mac3_decode(text):
1182     result = []
1183     for char in text:
1184         if char in KEY_3:
1185             index = KEY_3.index(char)
1186             result.append(CHARACTERS[index])
1187         else:
1188             result.append(char)
1189     return "".join(result)
1190
1191 def mac4_encode(text):
1192     result = []
1193     for char in text:
1194         if char in CHARACTERS:
1195             index = CHARACTERS.index(char)
1196             result.append(KEY_4[index])
1197         else:
1198             result.append(char)
1199     return "".join(result)
1200
1201 def mac4_decode(text):
1202     result = []
1203     for char in text:
1204         if char in KEY_4:
1205             index = KEY_4.index(char)
1206             result.append(CHARACTERS[index])
```

```
1207         else:
1208             result.append(char)
1209     return "".join(result)
1210
1211 def mac5_encode(text):
1212     result = []
1213     for char in text:
1214         if char in CHARACTERS:
1215             index = CHARACTERS.index(char)
1216             result.append(KEY_5[index])
1217         else:
1218             result.append(char)
1219     return "".join(result)
1220
1221 def mac5_decode(text):
1222     result = []
1223     for char in text:
1224         if char in KEY_5:
1225             index = KEY_5.index(char)
1226             result.append(CHARACTERS[index])
1227         else:
1228             result.append(char)
1229     return "".join(result)
1230
1231 def mac6_encode(text):
1232     result = []
1233     for char in text:
1234         if char in CHARACTERS:
1235             index = CHARACTERS.index(char)
1236             result.append(KEY_6[index])
1237         else:
1238             result.append(char)
1239     return "".join(result)
1240
1241 def mac6_decode(text):
1242     result = []
1243     for char in text:
1244         if char in KEY_6:
1245             index = KEY_6.index(char)
1246             result.append(CHARACTERS[index])
1247         else:
1248             result.append(char)
1249     return "".join(result)
1250
1251 def mac7_encode(text):
1252     result = []
1253     for char in text:
1254         if char in CHARACTERS:
1255             index = CHARACTERS.index(char)
1256             result.append(KEY_7[index])
1257         else:
1258             result.append(char)
1259     return "".join(result)
1260
1261 def mac7_decode(text):
1262     result = []
1263     for char in text:
1264         if char in KEY_7:
1265             index = KEY_7.index(char)
1266             result.append(CHARACTERS[index])
1267         else:
1268             result.append(char)
1269     return "".join(result)
1270
1271 def mac8_encode(text):
1272     result = []
1273     for char in text:
```

```

1274         if char in CHARACTERS:
1275             index = CHARACTERS.index(char)
1276             result.append(KEY_8[index])
1277         else:
1278             result.append(char)
1279     return "".join(result)
1280
1281 def mac8_decode(text):
1282     result = []
1283     for char in text:
1284         if char in KEY_8:
1285             index = KEY_8.index(char)
1286             result.append(CHARACTERS[index])
1287         else:
1288             result.append(char)
1289     return "".join(result)
1290
1291 def mac9_encode(text):
1292     result = []
1293     for char in text:
1294         if char in CHARACTERS:
1295             index = CHARACTERS.index(char)
1296             result.append(KEY_9[index])
1297         else:
1298             result.append(char)
1299     return "".join(result)
1300
1301 def mac9_decode(text):
1302     result = []
1303     for char in text:
1304         if char in KEY_9:
1305             index = KEY_9.index(char)
1306             result.append(CHARACTERS[index])
1307         else:
1308             result.append(char)
1309     return "".join(result)
1310
1311 def mac10_encode(text):
1312     result = []
1313     for char in text:
1314         if char in CHARACTERS:
1315             index = CHARACTERS.index(char)
1316             result.append(KEY_10[index])
1317         else:
1318             result.append(char)
1319     return "".join(result)
1320
1321 def mac10_decode(text):
1322     result = []
1323     for char in text:
1324         if char in KEY_10:
1325             index = KEY_10.index(char)
1326             result.append(CHARACTERS[index])
1327         else:
1328             result.append(char)
1329     return "".join(result)
1330
1331 def first_main_encryption(text: str):
1332     layer1 = mac5_encode(text)
1333     layer2 = reverser(layer1)
1334     layer3 = mac4_encode(layer2)
1335     layer4 = mac2_encode(layer3)
1336     layer5 = mac1_encode(layer4)
1337     layer6 = mac3_encode(layer5)
1338     layer7 = mac8_encode(layer6)
1339     layer8 = mac7_encode(layer7)
1340     layer9 = mac9_encode(layer8)

```

```

1341         layer10 = mac6_encode(layer9)
1342         layer11 = mac8_encode(layer10)
1343         return str(mac10_encode(layer11))
1344
1345     def first_main_decryption(text: str):
1346         layer1 = mac10_decode(text)
1347         layer2 = mac8_decode(layer1)
1348         layer3 = mac6_decode(layer2)
1349         layer4 = mac9_decode(layer3)
1350         layer5 = mac7_decode(layer4)
1351         layer6 = mac8_decode(layer5)
1352         layer7 = mac3_decode(layer6)
1353         layer8 = mac1_decode(layer7)
1354         layer9 = mac2_decode(layer8)
1355         layer10 = mac4_decode(layer9)
1356         layer11 = reverser(layer10)
1357         return str(mac5_decode(layer11))
1358
1359     def second_main_encryption(text: str):
1360         layer1 = mac5_encode(text)
1361         layer2 = reverser(layer1)
1362         layer3 = mac4_encode(layer2)
1363         layer4 = mac2_encode(layer3)
1364         layer5 = mac1_encode(layer4)
1365         layer6 = mac3_encode(layer5)
1366         layer7 = base16_encode(layer6)
1367         layer8 = base85_encode(layer7)
1368         layer9 = base64_encode(layer8)
1369         layer10 = b64_urlsafe_encode(layer9)
1370         layer11 = base32_encode(layer10)
1371         return str(b32hex_encode(layer11))
1372
1373     def second_main_decryption(text: str):
1374         layer1 = b32hex_decode(text)
1375         layer2 = base32_decode(layer1)
1376         layer3 = b64_urlsafe_decode(layer2)
1377         layer4 = base64_decode(layer3)
1378         layer5 = base85_decode(layer4)
1379         layer6 = base16_decode(layer5)
1380         layer7 = mac3_decode(layer6)
1381         layer8 = mac1_decode(layer7)
1382         layer9 = mac2_decode(layer8)
1383         layer10 = mac4_decode(layer9)
1384         layer11 = reverser(layer10)
1385         return str(mac5_decode(layer11))
1386
1387     def encrypt(text):
1388         return str(
1389             first_main_encryption(
1390                 first_main_encryption(
1391                     first_main_encryption(second_main_encryption(text))
1392                 )
1393             )
1394         )
1395
1396     def decrypt(text):
1397         return str(
1398             second_main_decryption(
1399                 first_main_decryption(
1400                     first_main_decryption(first_main_decryption(text))
1401                 )
1402             )
1403         )
1404
1405     # *File management func.
1406
1407     def save_encrypted_text():

```

```

1408 password = simpdialog.askstring(
1409     "Password", "Please, type the password for the encryption:", show="*"
1410 )
1411 if password:
1412     while True:
1413         tlide_path = filedialog.asksaveasfilename(
1414             title="Save the Tlock encrypted text file",
1415             initialdir=CWD,
1416             filetypes=(
1417                 ("Tlock encrypted text files", "*.tetf"),
1418                 ("All files", "*.*"),
1419             ),
1420         )
1421         if not tlide_path:
1422             messagebox.showwarning(
1423                 "Warning", "No file selected. Operation cancelled."
1424             )
1425             break
1426         content = text_input.get("1.0", END)
1427
1428         encrypted_content = encrypt(content)
1429         final_path = tlide_path + ".tetf"
1430         with open(final_path, "w", encoding="utf-8") as wrapper:
1431             wrapper.write(mac1_encode(password) + "\n")
1432             wrapper.write(encrypted_content)
1433             messagebox.showinfo(
1434                 "Info", "The file is created successfully."
1435             )
1436             break
1437         if not password:
1438             messagebox.showwarning(
1439                 "Warning", "No password entered. Operation cancelled."
1440             )
1441
1442         if __name__ == "__tlock__":
1443             create_process = Process(target=save_encrypted_text)
1444             create_process.start()
1445             create_process.join()
1446
1447             create_thread = Thread(target=save_encrypted_text)
1448             create_thread.start()
1449             create_thread.join()
1450
1451 def open_decrypted_text():
1452     try:
1453         tlide_path = filedialog.askopenfilename(
1454             title="Open a Tlock encrypted text file",
1455             initialdir=CWD,
1456             filetypes=(
1457                 ("Tlock encrypted text files", "*.tetf"),
1458                 ("All files", "*.*"),
1459             ),
1460         )
1461         if not tlide_path:
1462             messagebox.showwarning(
1463                 "Warning", "No file selected. Operation cancelled."
1464             )
1465         password = simpdialog.askstring(
1466             "Password", "Enter the password for the decryption:", show="*"
1467         ).strip()
1468         with open(tlide_path, "r", encoding="utf-8") as wrapper:
1469             file_pass = wrapper.readline().strip()
1470             if mac1_decode(file_pass) != password:
1471                 messagebox.showerror(
1472                     "Error", "The password is incorrect. Operation cancelled."
1473                 )
1474             if mac1_decode(file_pass) == password:
1475                 encrypted_content = wrapper.read()

```

```
decrypted_content = decrypt(encrypted_content)
 decryption_displaying_screen = Window(
     themename="superhero")
 decryption_displaying_screen.title("Decrypted Content")
 decryption_displaying_screen.state("zoomed")

 open_button = Button(
     decryption_displaying_screen,
     text="Text to Speech",
     width=188,
     command=lambda: read(decrypted_content),
 )
 open_button.place(x=5, y=5)

 text_widget = scrolledtext.ScrolledText(
     decryption_displaying_screen, font=("Arial", 11)
 )
 text_widget.place(x=5, y=50)

 text_widget.insert("1.0", decrypted_content)
 text_widget.config(
     state=DISABLED,
     font=("default", 11),
     width=155,
     height=36,
 )

 decryption_displaying_screen.mainloop()
except FileNotFoundError:
    pass
if __name__ == "__tlock__":
    open_process = Process(target=open_decrypted_text)
    open_process.start()
    open_process.join()

    open_thread = Thread(target=open_decrypted_text)
    open_thread.start()
    open_thread.join()

def save_encrypted_image():
    KEY = Fernet.generate_key()
    cipher = Fernet(KEY)

def encrypt_file(file):
    return bytes(
        cipher.encrypt(
            cipher.encrypt(
                cipher.encrypt(
                    cipher.encrypt(
                        cipher.encrypt(
                            cipher.encrypt(
                                cipher.encrypt(
                                    cipher.encrypt(
                                        file)
                                    )
                                )
                            )
                        )
                    )
                )
            )
        )
    )
```

[illegible]


```

1609
1610
1611
1612
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1621
1622     saving_path = filedialog.askopenfilename(
1623         title="Open encrypted image",
1624         filetypes=(
1625             ("Tlock Encrypted Image File", "*.teif"),
1626             ("All files", "*.*"),
1627         ),
1628         initialdir=CWD,
1629     )
1630     if not saving_path:
1631         messagebox.showwarning(
1632             "Warning", "No file selected. Operation cancelled."
1633         )
1634         break
1635     if saving_path:
1636         with open(saving_path, "rb") as file:
1637             encrypted_data = file.read()
1638
1639             decrypted_data = decrypt_file(encrypted_data)
1640
1641             with open(saving_path + ".jpg", "wb") as wrapper:
1642                 wrapper.write(decrypted_data)
1643                 messagebox.showinfo(
1644                     "Info", "The file is decrypted successfully."
1645                 )
1646             break
1647     if not key:
1648         messagebox.showwarning(
1649             "Warning", "No key entered. Operation cancelled."
1650         )
1651         break
1652
1653 def save_encrypted_audio():
1654     KEY = Fernet.generate_key()
1655     cipher = Fernet(KEY)
1656
1657     def encrypt_file(file):
1658         return bytes(
1659             cipher.encrypt(
1660                 cipher.encrypt(
1661                     cipher.encrypt(
1662                         cipher.encrypt(
1663                             cipher.encrypt(
1664                                 cipher.encrypt(
1665                                     cipher.encrypt(
1666                                         cipher.encrypt(
1667                                             cipher.encrypt(
1668                                                 cipher.encrypt(
1669                                                     cipher.encrypt(
1670                                                         cipher.encrypt(
1671                                                             cipher.encrypt(
1672                                                                 file)
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1809                                     cipher.encrypt(
1810                                         file)
1811                                     )
1812                                 )
1813                            )
1814                        )
1815                    )
1816                )
1817            )
1818        )
1819    )
1820 )
1821 )
1822 )
1823
1824 while True:
1825     video_path = filedialog.askopenfilename(
1826         title="Open a Video",
1827         filetypes=(
1828             ("Mp4 files", "*.Mp4"),
1829             ("All files", "*.*"),
1830         ),
1831         initialdir=CWD,
1832     )
1833     if not video_path:
1834         messagebox.showwarning(
1835             "Warning", "No file selected. Operation cancelled."
1836         )
1837         break
1838     encrypted_path = filedialog.asksaveasfilename(
1839         title="Save encrypted video",
1840         filetypes=(
1841             ("Tlock Encrypted Video File", "*.tevf"),
1842             ("All files", "*.*"),
1843         ),
1844         initialdir=CWD,
1845     )
1846
1847     if video_path and encrypted_path:
1848         with open(video_path, "rb") as file:
1849             data = file.read()
1850             encrypted_data = encrypt_file(data)
1851         with open(encrypted_path + ".teif", "wb") as file:
1852             file.write(encrypted_data)
1853         messagebox.showinfo(
1854             "Info", "The file is encrypted successfully."
1855         )
1856         messagebox.showinfo(
1857             "Info",
1858             f"The key for decryption: {KEY.decode('utf-8')}. The key is
1859             copied to the clipboard.",
1860         )
1861
1862         window.clipboard_clear()
1863         window.clipboard_append(KEY.decode("utf-8"))
1864         break
1865
1866 def open_decrypted_video():
1867     while True:
1868         key = simpledialog.askstring(
1869             "Key", "Please, the key for the decryption:", show="*"
1870         )
1871         if key:
1872             cipher = Fernet(key)
1873
1874             def decrypt_file(file):
1875                 return bytes(
1876                     cipher.decrypt(

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1875         cipher.decrypt(
1876             cipher.decrypt(
1877                 cipher.decrypt(
1878                     cipher.decrypt(
1879                         cipher.decrypt(
1880                             cipher.decrypt(
1881                                 cipher.decrypt(
1882                                     cipher.decrypt(
1883                                         cipher.decrypt(
1884                                             cipher.decrypt(
1885                                                 cipher.decrypt(
1886                                                     cipher.decrypt(
1887                                                         file)
1888                                                     )
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1890                                             )
1891                                         )
1892                                     )
1893                                 )
1894                             )
1895                         )
1896                     )
1897                 )
1898             )
1899         )
1900     saving_path = filedialog.askopenfilename(
1901         title="Open encrypted video",
1902         filetypes=(
1903             ("Tlock Encrypted Video File", "*.tevf"),
1904             ("All files", "*.*"),
1905         ),
1906         initialdir=CWD,
1907     )
1908     if not saving_path:
1909         messagebox.showwarning(
1910             "Warning", "No file selected. Operation cancelled."
1911         )
1912         break
1913     if saving_path:
1914         with open(saving_path, "rb") as file:
1915             encrypted_data = file.read()
1916
1917             decrypted_data = decrypt_file(encrypted_data)
1918
1919             with open(saving_path + ".mp4", "wb") as wrapper:
1920                 wrapper.write(decrypted_data)
1921             messagebox.showinfo(
1922                 "Info", "The file is decrypted successfully."
1923             )
1924             break
1925     if not key:
1926         messagebox.showwarning(
1927             "Warning", "No key entered. Operation cancelled."
1928         )
1929         break
1930
1931 def save_encrypted_docs():
1932     KEY = Fernet.generate_key()
1933     cipher = Fernet(KEY)
1934
1935     def encrypt_file(file):
1936         return bytes(
1937             cipher.encrypt(
1938                 cipher.encrypt(
1939                     cipher.encrypt(
1940                         cipher.encrypt(
1941

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1942         cipher.encrypt(
1943             cipher.encrypt(
1944                 cipher.encrypt(
1945                     cipher.encrypt(
1946                         cipher.encrypt(
1947                             cipher.encrypt(
1948                                 cipher.encrypt(
1949                                     file)
1950                                 )
1951                             )
1952                         )
1953                     )
1954                 )
1955             )
1956         )
1957     )
1958 )
1959 )
1960 )
1961 )
1962
1963 while True:
1964     doc_path = filedialog.askopenfilename(
1965         title="Open a Document",
1966         filetypes=(
1967             ("Word Document", "*.docx"),
1968             ("Word 97-2003 Document", "*.doc"),
1969             ("All files", "*.*"),
1970         ),
1971         initialdir=CWD,
1972     )
1973     if not doc_path:
1974         messagebox.showwarning(
1975             "Warning", "No file selected. Operation cancelled."
1976         )
1977         break
1978     encrypted_path = filedialog.asksaveasfilename(
1979         title="Save encrypted document",
1980         filetypes=(
1981             ("Tlock Encrypted Document File", "*.tedf"),
1982             ("All files", "*.*"),
1983         ),
1984         initialdir=CWD,
1985     )
1986
1987     if doc_path and encrypted_path:
1988         with open(doc_path, "rb") as file:
1989             date = file.read()
1990             encrypted_data = encrypt_file(date)
1991         with open(encrypted_path + ".tedf", "wb") as file:
1992             file.write(encrypted_data)
1993         messagebox.showinfo(
1994             "Info", "The file is encrypted successfully.")
1995         messagebox.showinfo(
1996             "Info", f"The key for decryption: {KEY.decode('utf-8')}")
1997     )
1998
1999     window.clipboard_clear()
2000     window.clipboard_append(KEY.decode("utf-8"))
2001     break
2002
2003 def open_decrypted_docs():
2004     while True:
2005         key = simpdialog.askstring(
2006             "Key", "Please, the key for the decryption:", show="*"
2007         )
2008         if key:

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2009         cipher = Fernet(key)
2010
2011     def decrypt_file(file):
2012         return bytes(
2013             cipher.decrypt(
2014                 cipher.decrypt(
2015                     cipher.decrypt(
2016                         cipher.decrypt(
2017                             cipher.decrypt(
2018                                 cipher.decrypt(
2019                                     cipher.decrypt(
2020                                         cipher.decrypt(
2021                                             cipher.decrypt(
2022                                                 cipher.decrypt(
2023                                                     cipher.decrypt(
2024                                                         cipher.decrypt(
2025                                                             cipher.decrypt(
2026                                                                 file)
2027                                                         )
2028                                                     )
2029                                                 )
2030                                             )
2031                                         )
2032                                     )
2033                                 )
2034                             )
2035                         )
2036                     )
2037                 )
2038
2039         saving_path = filedialog.askopenfilename(
2040             title="Open encrypted document",
2041             filetypes=(
2042                 ("Tlock Encrypted Document File", "*.tedf"),
2043                 ("All files", "*.*"),
2044             ),
2045             initialdir=CWD,
2046         )
2047         if not saving_path:
2048             messagebox.showwarning(
2049                 "Warning", "No file selected. Operation cancelled."
2050             )
2051             break
2052         if saving_path:
2053             with open(saving_path, "rb") as file:
2054                 encrypted_data = file.read()
2055
2056                 decrypted_data = decrypt_file(encrypted_data)
2057
2058                 with open(saving_path + ".docx", "wb") as wrapper:
2059                     wrapper.write(decrypted_data)
2060                     messagebox.showinfo(
2061                         "Info", "The file is decrypted successfully."
2062                     )
2063                 break
2064         if not key:
2065             messagebox.showwarning(
2066                 "Warning", "No key entered. Operation cancelled."
2067             )
2068             break
2069
2070     def save_encrypted_pptx():
2071         KEY = Fernet.generate_key()
2072         cipher = Fernet(KEY)
2073
2074     def encrypt_file(file):
2075         return bytes(

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2076         cipher.encrypt(
2077             cipher.encrypt(
2078                 cipher.encrypt(
2079                     cipher.encrypt(
2080                         cipher.encrypt(
2081                             cipher.encrypt(
2082                                 cipher.encrypt(
2083                                     cipher.encrypt(
2084                                         cipher.encrypt(
2085                                             cipher.encrypt(
2086                                                 cipher.encrypt(
2087                                                     cipher.encrypt(
2088                                                         file)
2089                                                     )
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2092                                         )
2093                                     )
2094                                 )
2095                             )
2096                         )
2097                     )
2098                 )
2099             )
2100         )
2101
2102 while True:
2103     pptx_path = filedialog.askopenfilename(
2104         title="Open a Presentation",
2105         filetypes=(
2106             ("Powerpoint Presentation", "*.pptx"),
2107             ("PowerPoint 97-2003 Presentation", "*.ppt"),
2108             ("All files", "*.*"),
2109         ),
2110         initialdir=CWD,
2111     )
2112     if not pptx_path:
2113         messagebox.showwarning(
2114             "Warning", "No file selected. Operation cancelled."
2115         )
2116         break
2117     encrypted_path = filedialog.asksaveasfilename(
2118         title="Save encrypted Presentation",
2119         filetypes=(
2120             ("Tlock Encrypted Powerpoint Presentation File", "*.teppf"),
2121             ("All files", "*.*"),
2122         ),
2123         initialdir=CWD,
2124     )
2125
2126     if pptx_path and encrypted_path:
2127         with open(pptx_path, "rb") as file:
2128             data = file.read()
2129             encrypted_data = encrypt_file(data)
2130         with open(encrypted_path + ".teppf", "wb") as file:
2131             file.write(encrypted_data)
2132         messagebox.showinfo(
2133             "Info", "The file is encrypted successfully."
2134         )
2135         messagebox.showinfo(
2136             "Info",
2137             f"The key for decryption: {KEY.decode('utf-8')}. The key is copied to the clipboard.",
2138         )
2139
2140         window.clipboard_clear()
2141         window.clipboard_append(KEY.decode("utf-8"))
2142         break

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2142
2143 def open_decrypted_pptx():
2144     while True:
2145         key = simpledialog.askstring(
2146             "Key", "Please, the key for the decryption:", show="*"
2147         )
2148         if key:
2149             cipher = Fernet(key)
2150
2151             def decrypt_file(file):
2152                 return bytes(
2153                     cipher.decrypt(
2154                         cipher.decrypt(
2155                             cipher.decrypt(
2156                                 cipher.decrypt(
2157                                     cipher.decrypt(
2158                                         cipher.decrypt(
2159                                             cipher.decrypt(
2160                                                 cipher.decrypt(
2161                                                     cipher.decrypt(
2162                                                         cipher.decrypt(
2163                                                             cipher.decrypt(
2164                                                                 cipher.decrypt(
2165                                                                     file)
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2174                                                         )
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2176                                                         )
2177                                                         )
2178
2179             saving_path = filedialog.askopenfilename(
2180                 title="Open encrypted Presentation",
2181                 filetypes=(
2182                     ("Tlock Encrypted Powerpoint Presentation File", "*.teppf"),
2183                     ("All files", "*.*"),
2184                 ),
2185                 initialdir=CWD,
2186             )
2187             if not saving_path:
2188                 messagebox.showwarning(
2189                     "Warning", "No file selected. Operation cancelled."
2190                 )
2191                 break
2192             if saving_path:
2193                 with open(saving_path, "rb") as file:
2194                     encrypted_data = file.read()
2195
2196                     decrypted_data = decrypt_file(encrypted_data)
2197
2198                     with open(saving_path + ".teppf", "wb") as wrapper:
2199                         wrapper.write(decrypted_data)
2200                         messagebox.showinfo(
2201                             "Info", "The file is decrypted successfully."
2202                         )
2203                         break
2204             if not key:
2205                 messagebox.showwarning(
2206                     "Warning", "No key entered. Operation cancelled."
2207                 )
2208                 break

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```

2209
2210 def save_encrypted_xlsx():
2211     KEY = Fernet.generate_key()
2212     cipher = Fernet(KEY)
2213
2214     def encrypt_file(file):
2215         return bytes(
2216             cipher.encrypt(
2217                 cipher.encrypt(
2218                     cipher.encrypt(
2219                         cipher.encrypt(
2220                             cipher.encrypt(
2221                                 cipher.encrypt(
2222                                     cipher.encrypt(
2223                                         cipher.encrypt(
2224                                             cipher.encrypt(
2225                                                 cipher.encrypt(
2226                                                     cipher.encrypt(
2227                                                         cipher.encrypt(
2228                                                             file)
2229                                                         )
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2235                                                     )
2236                                                         )
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2238                                                         )
2239                                                     )
2240                                                         )
2241         )
2242
2243     while True:
2244         sheet_path = filedialog.askopenfilename(
2245             title="Open a Spreadsheet",
2246             filetypes=(
2247                 ("Excel Spreadsheet", "*.xlsx"),
2248                 ("Excel 97-2003 Spreadsheet", "*.xls"),
2249                 ("All files", "*.*"),
2250             ),
2251             initialdir=CWD,
2252         )
2253         if not sheet_path:
2254             messagebox.showwarning(
2255                 "Warning", "No file selected. Operation cancelled."
2256             )
2257             break
2258         encrypted_path = filedialog.asksaveasfilename(
2259             title="Save encrypted Spreadsheet",
2260             filetypes=(
2261                 ("Tlock Encrypted Excel File", "*.teef"),
2262                 ("All files", "*.*"),
2263             ),
2264             initialdir=CWD,
2265         )
2266
2267         if sheet_path and encrypted_path:
2268             with open(sheet_path, "rb") as file:
2269                 date = file.read()
2270                 encrypted_data = encrypt_file(date)
2271             with open(encrypted_path + ".teef", "wb") as file:
2272                 file.write(encrypted_data)
2273             messagebox.showinfo(
2274                 "Info", "The file is encrypted successfully.")
2275             messagebox.showinfo(
2276                 "Info",

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```

2276         f"The key for decryption: {KEY.decode("utf-8")}. The key is
           copied to the clipboard.",
2277     )
2278
2279     window.clipboard_clear()
2280     window.clipboard_append(KEY.decode("utf-8"))
2281     break
2282
2283 def open_decrypted_xlsx():
2284     while True:
2285         key = simpdialog.askstring(
2286             "Key", "Please, the key for the decryption:", show="*"
2287         )
2288         if key:
2289             cipher = Fernet(key)
2290
2291             def decrypt_file(file):
2292                 return bytes(
2293                     cipher.decrypt(
2294                         cipher.decrypt(
2295                             cipher.decrypt(
2296                                 cipher.decrypt(
2297                                     cipher.decrypt(
2298                                         cipher.decrypt(
2299                                             cipher.decrypt(
2300                                                 cipher.decrypt(
2301                                                     cipher.decrypt(
2302                                                         cipher.decrypt(
2303                                                             cipher.decrypt(
2304                                                                 cipher.decrypt(
2305                                                                     file)
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2317                                                         )
2318
2319             saving_path = filedialog.askopenfilename(
2320                 title="Open encrypted Spreadsheet",
2321                 filetypes=(
2322                     ("Tlock Encrypted Excel File", "*.teef"),
2323                     ("All files", "*.*"),
2324                 ),
2325                 initialdir=CWD,
2326             )
2327             if not saving_path:
2328                 messagebox.showwarning(
2329                     "Warning", "No file selected. Operation cancelled."
2330                 )
2331                 break
2332             if saving_path:
2333                 with open(saving_path, "rb") as file:
2334                     encrypted_data = file.read()
2335
2336                     decrypted_data = decrypt_file(encrypted_data)
2337
2338                 with open(saving_path + ".xlsx", "wb") as wrapper:
2339                     wrapper.write(decrypted_data)
2340                     messagebox.showinfo(
2341                         "Info", "The file is decrypted successfully."

```

```

2342         )
2343         break
2344     if not key:
2345         messagebox.showwarning(
2346             "Warning", "No key entered. Operation cancelled."
2347         )
2348         break
2349
2350 def save_encrypted_accdb():
2351     KEY = Fernet.generate_key()
2352     cipher = Fernet(KEY)
2353
2354     def encrypt_file(file):
2355         return bytes(
2356             cipher.encrypt(
2357                 cipher.encrypt(
2358                     cipher.encrypt(
2359                         cipher.encrypt(
2360                             cipher.encrypt(
2361                                 cipher.encrypt(
2362                                     cipher.encrypt(
2363                                         cipher.encrypt(
2364                                             cipher.encrypt(
2365                                                 cipher.encrypt(
2366                                                     cipher.encrypt(
2367                                                         cipher.encrypt(
2368                                                             file)
2369                                                         )
2370                                                     )
2371                                                     )
2372                                                     )
2373                                                     )
2374                                                     )
2375                                                     )
2376                                                     )
2377                                                     )
2378                                                     )
2379                                                     )
2380                                                     )
2381
2382 while True:
2383     accdb_path = filedialog.askopenfilename(
2384         title="Open a Database",
2385         filetypes=(
2386             ("Access Database", "*.accdb"),
2387             ("Access 2002-2003 Database", "*.mdb"),
2388             ("All files", "*.*"),
2389         ),
2390         initialdir=CWD,
2391     )
2392     if not accdb_path:
2393         messagebox.showwarning(
2394             "Warning", "No file selected. Operation cancelled."
2395         )
2396         break
2397     encrypted_path = filedialog.asksaveasfilename(
2398         title="Save encrypted Database",
2399         filetypes=(
2400             ("Tlock Encrypted Access Database File", "*.teadf"),
2401             ("All files", "*.*"),
2402         ),
2403         initialdir=CWD,
2404     )
2405
2406     if accdb_path and encrypted_path:
2407         with open(accdb_path, "rb") as file:
2408             date = file.read()

```

```

2409         encrypted_data = encrypt_file(date)
2410     with open(encrypted_path + ".teadf", "wb") as file:
2411         file.write(encrypted_data)
2412         messagebox.showinfo(
2413             "Info", "The file is encrypted successfully.")
2414         messagebox.showinfo(
2415             "Info",
2416             f"The key for decryption: {KEY.decode("utf-8")}. The key is
                copied to the clipboard.",
2417         )
2418
2419     window.clipboard_clear()
2420     window.clipboard_append(KEY.decode("utf-8"))
2421     break
2422
2423 def open_decrypted_accdb():
2424     while True:
2425         key = simpdialog.askstring(
2426             "Key", "Please, the key for the decryption:", show="*"
2427         )
2428         if key:
2429             cipher = Fernet(key)
2430
2431             def decrypt_file(file):
2432                 return bytes(
2433                     cipher.decrypt(
2434                         cipher.decrypt(
2435                             cipher.decrypt(
2436                                 cipher.decrypt(
2437                                     cipher.decrypt(
2438                                         cipher.decrypt(
2439                                             cipher.decrypt(
2440                                                 cipher.decrypt(
2441                                                     cipher.decrypt(
2442                                                         cipher.decrypt(
2443                                                             cipher.decrypt(
2444                                                                 cipher.decrypt(
2445                                                                     file)
2446                                                             )
2447                                                         )
2448                                                         )
2449                                                         )
2450                                                         )
2451                                                         )
2452                                                         )
2453                                                         )
2454                                                         )
2455                                                         )
2456                                                         )
2457             )
2458
2459             saving_path = filedialog.askopenfilename(
2460                 title="Open encrypted Database",
2461                 filetypes=(
2462                     ("Tlock Encrypted Access Database File", "*.teadf"),
2463                     ("All files", "*.*"),
2464                 ),
2465                 initialdir=CWD,
2466             )
2467             if not saving_path:
2468                 messagebox.showwarning(
2469                     "Warning", "No file selected. Operation cancelled."
2470                 )
2471                 break
2472             if saving_path:
2473                 with open(saving_path, "rb") as file:
2474                     encrypted_data = file.read()

```

```

2475
2476         decrypted_data = decrypt_file(encrypted_data)
2477
2478         with open(saving_path + ".accdb", "wb") as wrapper:
2479             wrapper.write(decrypted_data)
2480             messagebox.showinfo(
2481                 "Info", "The file is decrypted successfully."
2482             )
2483         break
2484     if not key:
2485         messagebox.showwarning(
2486             "Warning", "No key entered. Operation cancelled."
2487         )
2488         break
2489
2490 def save_encrypted_pub():
2491     KEY = Fernet.generate_key()
2492     cipher = Fernet(KEY)
2493
2494     def encrypt_file(file):
2495         return bytes(
2496             cipher.encrypt(
2497                 cipher.encrypt(
2498                     cipher.encrypt(
2499                         cipher.encrypt(
2500                             cipher.encrypt(
2501                                 cipher.encrypt(
2502                                     cipher.encrypt(
2503                                         cipher.encrypt(
2504                                             cipher.encrypt(
2505                                                 cipher.encrypt(
2506                                                     cipher.encrypt(
2507                                                         cipher.encrypt(
2508                                                             file)
2509                                                         )
2510                                                     )
2511                                                     )
2512                                                     )
2513                                                     )
2514                                                     )
2515                                                     )
2516                                                     )
2517                                                     )
2518                                                     )
2519                                                     )
2520                                                     )
2521
2522     while True:
2523         pub_path = filedialog.askopenfilename(
2524             title="Publisher File",
2525             filetypes=(
2526                 ("Publisher File", "*.pub"),
2527                 ("All files", "*.*"),
2528             ),
2529             initialdir=CWD,
2530         )
2531         if not pub_path:
2532             messagebox.showwarning(
2533                 "Warning", "No file selected. Operation cancelled."
2534             )
2535             break
2536         encrypted_path = filedialog.asksaveasfilename(
2537             title="Save encrypted Publisher File",
2538             filetypes=(
2539                 ("Tlock Encrypted Microsoft Publisher File", "*.tempf"),
2540                 ("All files", "*.*"),
2541             ),

```

```

2542         initialdir=CWD,
2543     )
2544
2545     if pub_path and encrypted_path:
2546         with open(pub_path, "rb") as file:
2547             date = file.read()
2548             encrypted_data = encrypt_file(date)
2549         with open(encrypted_path + ".tempf", "wb") as file:
2550             file.write(encrypted_data)
2551         messagebox.showinfo(
2552             "Info", "The file is encrypted successfully.")
2553         messagebox.showinfo(
2554             "Info",
2555             f"The key for decryption: {KEY.decode("utf-8")}. The key is
                copied to the clipboard.",
2556         )
2557
2558         window.clipboard_clear()
2559         window.clipboard_append(KEY.decode("utf-8"))
2560         break
2561
2562 def open_decrypted_pub():
2563     while True:
2564         key = simplifiedialog.askstring(
2565             "Key", "Please, the key for the decryption:", show="*"
2566         )
2567         if key:
2568             cipher = Fernet(key)
2569
2570             def decrypt_file(file):
2571                 return bytes(
2572                     cipher.decrypt(
2573                         cipher.decrypt(
2574                             cipher.decrypt(
2575                                 cipher.decrypt(
2576                                     cipher.decrypt(
2577                                         cipher.decrypt(
2578                                             cipher.decrypt(
2579                                                 cipher.decrypt(
2580                                                     cipher.decrypt(
2581                                                         cipher.decrypt(
2582                                                             cipher.decrypt(
2583                                                                 cipher.decrypt(
2584                                                                     cipher.decrypt(
2585                                                                         file)
2586                                                                     )
2587                                                                 )
2588                                                            )
2589                                                        )
2590                                                    )
2591                                                )
2592                                            )
2593                                        )
2594                                    )
2595                                )
2596                            )
2597
2598             saving_path = filedialog.askopenfilename(
2599                 title="Open encrypted Publisher File",
2600                 filetypes=(
2601                     ("Tlock Encrypted Publisher File", "*.tempf"),
2602                     ("All files", "*.*"),
2603                 ),
2604                 initialdir=CWD,
2605             )
2606             if not saving_path:
2607                 messagebox.showwarning(

```

```

2608         "Warning", "No file selected. Operation cancelled."
2609     )
2610     break
2611     if saving_path:
2612         with open(saving_path, "rb") as file:
2613             encrypted_data = file.read()
2614
2615             decrypted_data = decrypt_file(encrypted_data)
2616
2617             with open(saving_path + ".pub", "wb") as wrapper:
2618                 wrapper.write(decrypted_data)
2619                 messagebox.showinfo(
2620                     "Info", "The file is decrypted successfully."
2621                 )
2622             break
2623     if not key:
2624         messagebox.showwarning(
2625             "Warning", "No key entered. Operation cancelled."
2626         )
2627         break
2628
2629 def save_encrypted_note():
2630     KEY = Fernet.generate_key()
2631     cipher = Fernet(KEY)
2632
2633     def encrypt_file(file):
2634         return bytes(
2635             cipher.encrypt(
2636                 cipher.encrypt(
2637                     cipher.encrypt(
2638                         cipher.encrypt(
2639                             cipher.encrypt(
2640                                 cipher.encrypt(
2641                                     cipher.encrypt(
2642                                         cipher.encrypt(
2643                                             cipher.encrypt(
2644                                                 cipher.encrypt(
2645                                                     cipher.encrypt(
2646                                                         cipher.encrypt(
2647                                                             file)
2648                                                         )
2649                                                     )
2650                                                 )
2651                                             )
2652                                         )
2653                                     )
2654                                 )
2655                             )
2656                         )
2657                     )
2658                 )
2659             )
2660
2661     while True:
2662         pub_path = filedialog.askopenfilename(
2663             title="OneNote File",
2664             filetypes=(
2665                 ("OneNote File", "*.one"),
2666                 ("All files", "*.*"),
2667             ),
2668             initialdir=CWD,
2669         )
2670         if not pub_path:
2671             messagebox.showwarning(
2672                 "Warning", "No file selected. Operation cancelled."
2673             )
2674             break

```



```

2675 encrypted_path = filedialog.asksaveasfilename(
2676     title="Save encrypted OneNote File",
2677     filetypes=(
2678         ("Tlock Encrypted Microsoft OneNote File", "*.temof"),
2679         ("All files", "*.*"),
2680     ),
2681     initialdir=CWD,
2682 )
2683
2684 if pub_path and encrypted_path:
2685     with open(pub_path, "rb") as file:
2686         date = file.read()
2687         encrypted_data = encrypt_file(date)
2688     with open(encrypted_path + ".temof", "wb") as file:
2689         file.write(encrypted_data)
2690     messagebox.showinfo(
2691         "Info", "The file is encrypted successfully.")
2692     messagebox.showinfo(
2693         "Info",
2694         f"The key for decryption: {KEY.decode("utf-8")}. The key is
        copied to the clipboard.",
2695     )
2696
2697     window.clipboard_clear()
2698     window.clipboard_append(KEY.decode("utf-8"))
2699     break
2700
2701 def open_decrypted_note():
2702     while True:
2703         key = simpdialog.askstring(
2704             "Key", "Please, the key for the decryption:", show="*"
2705         )
2706         if key:
2707             cipher = Fernet(key)
2708
2709             def decrypt_file(file):
2710                 return bytes(
2711                     cipher.decrypt(
2712                         cipher.decrypt(
2713                             cipher.decrypt(
2714                                 cipher.decrypt(
2715                                     cipher.decrypt(
2716                                         cipher.decrypt(
2717                                             cipher.decrypt(
2718                                                 cipher.decrypt(
2719                                                     cipher.decrypt(
2720                                                         cipher.decrypt(
2721                                                             cipher.decrypt(
2722                                                                 cipher.decrypt(
2723                                                                     file)
2724                                                                 )
2725                                                            )
2726                                                        )
2727                                                    )
2728                                                )
2729                                            )
2730                                        )
2731                                    )
2732                                )
2733                            )
2734                        )
2735                    )
2736
2737             saving_path = filedialog.askopenfilename(
2738                 title="Open encrypted OneNote File",
2739                 filetypes=(
2740                     ("Tlock Encrypted OneNote File", "*.temof"),

```

```

2741         ("All files", "*.*"),
2742     ),
2743     initialdir=CWD,
2744 )
2745 if not saving_path:
2746     messagebox.showwarning(
2747         "Warning", "No file selected. Operation cancelled."
2748     )
2749     break
2750 if saving_path:
2751     with open(saving_path, "rb") as file:
2752         encrypted_data = file.read()
2753
2754         decrypted_data = decrypt_file(encrypted_data)
2755
2756         with open(saving_path + ".one", "wb") as wrapper:
2757             wrapper.write(decrypted_data)
2758             messagebox.showinfo(
2759                 "Info", "The file is decrypted successfully."
2760             )
2761             break
2762 if not key:
2763     messagebox.showwarning(
2764         "Warning", "No key entered. Operation cancelled."
2765     )
2766     break
2767
2768 def save_encrypted_pdf():
2769     KEY = Fernet.generate_key()
2770     cipher = Fernet(KEY)
2771
2772     def encrypt_file(file):
2773         return bytes(
2774             cipher.encrypt(
2775                 cipher.encrypt(
2776                     cipher.encrypt(
2777                         cipher.encrypt(
2778                             cipher.encrypt(
2779                                 cipher.encrypt(
2780                                     cipher.encrypt(
2781                                         cipher.encrypt(
2782                                             cipher.encrypt(
2783                                                 cipher.encrypt(
2784                                                     cipher.encrypt(
2785                                                         cipher.encrypt(
2786                                                             cipher.encrypt(
2787                                                                 file)
2788                                                             )
2789                                                         )
2790                                                     )
2791                                                 )
2792                                             )
2793                                         )
2794                                     )
2795                                 )
2796                             )
2797                         )
2798                     )
2799                 )
2800             )
2801
2802 while True:
2803     image_path = filedialog.askopenfilename(
2804         title="Open a PDF",
2805         filetypes=(
2806             ("PDF files", "*.pdf"),
2807             ("All files", "*.*"),
2808         ),
2809         initialdir=CWD,

```

[illegible]

```

2874         )
2875
2876     saving_path = filedialog.askopenfilename(
2877         title="Open encrypted PDF",
2878         filetypes=(
2879             ("Tlock Encrypted PDF File", "*.tepf"),
2880             ("All files", "*.*"),
2881         ),
2882         initialdir=CWD,
2883     )
2884     if not saving_path:
2885         messagebox.showwarning(
2886             "Warning", "No file selected. Operation cancelled."
2887         )
2888         break
2889     if saving_path:
2890         with open(saving_path, "rb") as file:
2891             encrypted_data = file.read()
2892
2893             decrypted_data = decrypt_file(encrypted_data)
2894
2895             with open(saving_path + ".pdf", "wb") as wrapper:
2896                 wrapper.write(decrypted_data)
2897                 messagebox.showinfo(
2898                     "Info", "The file is decrypted successfully."
2899                 )
2900             break
2901     if not key:
2902         messagebox.showwarning(
2903             "Warning", "No key entered. Operation cancelled."
2904         )
2905         break
2906
2907 def save_encrypted_zip():
2908     KEY = Fernet.generate_key()
2909     cipher = Fernet(KEY)
2910
2911     def encrypt_file(file):
2912         return bytes(
2913             cipher.encrypt(
2914                 cipher.encrypt(
2915                     cipher.encrypt(
2916                         cipher.encrypt(
2917                             cipher.encrypt(
2918                                 cipher.encrypt(
2919                                     cipher.encrypt(
2920                                         cipher.encrypt(
2921                                             cipher.encrypt(
2922                                                 cipher.encrypt(
2923                                                     cipher.encrypt(
2924                                                         cipher.encrypt(
2925                                                             file)
2926                                                         )
2927                                                     )
2928                                                 )
2929                                             )
2930                                         )
2931                                     )
2932                                 )
2933                             )
2934                         )
2935                     )
2936                 )
2937             )
2938
2939 while True:
2940     image_path = filedialog.askopenfilename(

```

```

2941         title="Open a zip file",
2942         filetypeypes=(
2943             ("Zip files", "*.zip"),
2944             ("All files", "*.*"),
2945         ),
2946         initialdir=CWD,
2947     )
2948     if not image_path:
2949         messagebox.showwarning(
2950             "Warning", "No file selected. Operation cancelled."
2951         )
2952         break
2953     encrypted_path = filedialog.asksaveasfilename(
2954         title="Save a zip file",
2955         filetypeypes=(
2956             ("Tlock Encrypted Zip File", "*.tezf"),
2957             ("All files", "*.*"),
2958         ),
2959         initialdir=CWD,
2960     )
2961
2962     if image_path and encrypted_path:
2963         with open(image_path, "rb") as file:
2964             date = file.read()
2965             encrypted_data = encrypt_file(date)
2966         with open(encrypted_path + ".tezf", "wb") as file:
2967             file.write(encrypted_data)
2968             messagebox.showinfo(
2969                 "Info", "The file is encrypted successfully.")
2970             messagebox.showinfo(
2971                 "Info",
2972                 f"The key for decryption: {KEY.decode("utf-8")}. The key is
                copied to the clipboard.",
2973             )
2974
2975             window.clipboard_clear()
2976             window.clipboard_append(KEY.decode("utf-8"))
2977             break
2978
2979 def open_decrypted_zip():
2980     while True:
2981         key = simpledialog.askstring(
2982             "Key", "Please, the key for the decryption:", show="*"
2983         )
2984         if key:
2985             cipher = Fernet(key)
2986
2987             def decrypt_file(file):
2988                 return bytes(
2989                     cipher.decrypt(
2990                         cipher.decrypt(
2991                             cipher.decrypt(
2992                                 cipher.decrypt(
2993                                     cipher.decrypt(
2994                                         cipher.decrypt(
2995                                             cipher.decrypt(
2996                                                 cipher.decrypt(
2997                                                     cipher.decrypt(
2998                                                         cipher.decrypt(
2999                                                             cipher.decrypt(
3000                                                                 cipher.decrypt(
3001                                                                    file)
3002                                                                )
3003                                                            )
3004                                                        )
3005                                                    )
3006                                                )
3007                                            )
3008                                        )
3009                                    )
3010                                )
3011                            )
3012                        )
3013                    )

```

```

3007         )
3008     )
3009 )
3010 )
3011 )
3012 )
3013 )
3014
3015     saving_path = filedialog.askopenfilename(
3016         title="Open encrypted zip file",
3017         filetypes=(
3018             ("Tlock Encrypted Zip File", "*.tezf"),
3019             ("All files", "*.*"),
3020         ),
3021         initialdir=CWD,
3022     )
3023     if not saving_path:
3024         messagebox.showwarning(
3025             "Warning", "No file selected. Operation cancelled."
3026         )
3027         break
3028     if saving_path:
3029         with open(saving_path, "rb") as file:
3030             encrypted_data = file.read()
3031
3032             decrypted_data = decrypt_file(encrypted_data)
3033
3034             with open(saving_path + ".zip", "wb") as wrapper:
3035                 wrapper.write(decrypted_data)
3036                 messagebox.showinfo(
3037                     "Info", "The file is decrypted successfully."
3038                 )
3039             break
3040     if not key:
3041         messagebox.showwarning(
3042             "Warning", "No key entered. Operation cancelled."
3043         )
3044         break
3045
3046 def python_ide():
3047     running_py_path = path.join(CWD, "temp.py")
3048
3049     def run_code():
3050         with open(running_py_path, "w+", encoding="utf-8") as temp:
3051             temp.write(code_input.get("1.0", END))
3052             system(f'python "{running_py_path}"')
3053
3054     def run_py():
3055         Thread(target=run_code).start()
3056
3057     def save_tpy():
3058         password = simplifiedialog.askstring(
3059             "Password", "Please, type the password for the encryption:"
3060         )
3061         if password:
3062             code = code_input.get(index1="1.0", index2=END)
3063             while True:
3064                 tlide_path = filedialog.asksaveasfilename(
3065                     title="Save the Python file",
3066                     initialdir=CWD,
3067                     filetypes=(
3068                         ("Tlock Python files", "*.tpy"),
3069                         ("All files", "*.*"),
3070                     ),
3071                 )
3072                 if not tlide_path:
3073                     messagebox.showwarning(

```

```

3074         "Warning", "No file selected. Operation cancelled."
3075     )
3076     break
3077     final_path = tlide_path + ".tpy"
3078     with open(final_path, "w", encoding="utf-8") as wrapper:
3079         wrapper.write(mac1_encode(password) + "\n")
3080         wrapper.write(encrypt(code))
3081         messagebox.showinfo(
3082             "Info", "The file is saved successfully.")
3083     break
3084
3085 def open_tpy():
3086     try:
3087         tlide_path = filedialog.askopenfilename(
3088             title="Open a Python file",
3089             initialdir=CWD,
3090             filetypes=(
3091                 ("Tlock Python files", "*.tpy"),
3092                 ("All files", "*.*"),
3093             ),
3094         )
3095         if not tlide_path:
3096             messagebox.showwarning(
3097                 "Warning", "No file selected. Operation cancelled."
3098             )
3099         password = simpledialog.askstring(
3100             "Password", "Enter the password for the decryption:"
3101         ).strip()
3102         with open(tlide_path, "r", encoding="utf-8") as wrapper:
3103             file_pass = wrapper.readline().strip()
3104             if mac1_decode(file_pass) != password:
3105                 messagebox.showerror(
3106                     "Error", "The password is incorrect. Operation cancelled."
3107                 )
3108             if mac1_decode(file_pass) == password:
3109                 read_code = decrypt(wrapper.read())
3110                 code_input.delete("1.0", END)
3111                 code_input.insert("1.0", read_code)
3112         except FileNotFoundError:
3113             pass
3114
3115 # *GUI CONFIG.
3116
3117 python_window = Window(themename="superhero")
3118 python_window.title("Python IDE")
3119 python_window.geometry("1920x1080")
3120 python_window.state("zoomed")
3121 # *WIDGETS
3122
3123 tlide_help_button = Button(
3124     python_window,
3125     text="Help",
3126     command=help_func,
3127     width=235,
3128 )
3129 tlide_help_button.place(x=5, y=5)
3130
3131 run_button = Button(
3132     python_window,
3133     text="Run Python Code",
3134     command=run_py,
3135     width=235,
3136 )
3137
3138 run_button.place(x=5, y=44)
3139
3140 save_button = Button(

```

```

3141         python_window,
3142         text="Save Python Code",
3143         width=235,
3144         command=save_tpy,
3145     )
3146     save_button.place(x=5, y=84)
3147
3148     open_button = Button(
3149         python_window,
3150         text="Open Python Code",
3151         width=235,
3152         command=open_tpy,
3153     )
3154     open_button.place(x=5, y=125)
3155     code_label = Label(python_window, text="Python Code:")
3156     code_label.place(x=5, y=163)
3157
3158     code_input = scrolledtext.ScrolledText(
3159         python_window, width=169, height=33, font=("Consolas", 12)
3160     )
3161     code_input.place(x=5, y=200)
3162
3163     # *MAIN LOOP
3164
3165     python_window.mainloop()
3166
3167 def javascript_id():
3168     running_js_path = path.join(CWD, "temp.js")
3169
3170     def run_js_code():
3171         with open(running_js_path, "w+", encoding="utf-8") as temp:
3172             temp.write(code_input.get("1.0", END))
3173             system(f'node "{running_js_path}"')
3174
3175     def run_js():
3176         Thread(target=run_js_code).start()
3177
3178     def save_tjs():
3179         password = simpledialog.askstring(
3180             "Password", "Please, type the password for the encryption:"
3181         )
3182         code = code_input.get(index1="1.0", index2=END)
3183         while True:
3184             tlide_path = filedialog.asksaveasfilename(
3185                 title="Save the Javascript file",
3186                 initialdir=CWD,
3187                 filetypes=(
3188                     ("Tlock Javascript files", "*.tjs"),
3189                     ("All files", "*.*"),
3190                 ),
3191             )
3192             if not tlide_path:
3193                 messagebox.showwarning(
3194                     "Warning", "No file selected. Operation cancelled."
3195                 )
3196                 break
3197
3198             final_path = tlide_path + ".tjs"
3199             with open(final_path, "w", encoding="utf-8") as wrapper:
3200                 wrapper.write(mac1_encode(password) + "\n")
3201                 wrapper.write(encrypt(code))
3202                 messagebox.showinfo(
3203                     "Info", "The file is saved successfully."
3204                 )
3205                 break
3206
3207     def open_tjs():

```



```

3208
3209     try:
3210         tlide_path = filedialog.askopenfilename(
3211             title="Open a Javascript file",
3212             initialdir=CWD,
3213             filetypes=(
3214                 ("Tlock Javascript files", "*.tjs"),
3215                 ("All files", "*.*"),
3216             ),
3217         )
3218     if not tlide_path:
3219         messagebox.showwarning(
3220             "Warning", "No file selected. Operation cancelled."
3221         )
3222     password = simplifiedialog.askstring(
3223         "Password", "Enter the password for the decryption:"
3224     ).strip()
3225     with open(tlide_path, "r", encoding="utf-8") as wrapper:
3226         file_pass = wrapper.readline().strip()
3227         if mac1_decode(file_pass) != password:
3228             messagebox.showerror(
3229                 "Error", "The password is incorrect. Operation cancelled."
3230             )
3231         if mac1_decode(file_pass) == password:
3232             read_code = decrypt(wrapper.read())
3233             code_input.delete("1.0", END)
3234             code_input.insert("1.0", read_code)
3235     except FileNotFoundError:
3236         pass
3237
3238     # *GUI CONFIG.
3239
3240     js_window = Window(themename="superhero")
3241     js_window.title("Javascript IDE")
3242     js_window.geometry("1920x1080")
3243     js_window.state("zoomed")
3244     # *WIDGETS
3245
3246     tlide_help_button = Button(
3247         js_window,
3248         text="Help",
3249         command=help_func,
3250         width=235,
3251     )
3252     tlide_help_button.place(x=5, y=5)
3253
3254     run_button = Button(
3255         js_window,
3256         text="Run Javascript Code",
3257         command=run_js,
3258         width=235,
3259     )
3260
3261     run_button.place(x=5, y=44)
3262
3263     save_button = Button(
3264         js_window,
3265         text="Save Javascript Code",
3266         width=235,
3267         command=save_tjs,
3268     )
3269
3270     save_button.place(x=5, y=84)
3271
3272     open_button = Button(
3273         js_window,
3274         text="Open Javascript Code",

```

```

3275         width=235,
3276         command=open_tjs,
3277     )
3278     open_button.place(x=5, y=125)
3279     code_label = Label(js_window, text="Javascript Code:")
3280     code_label.place(x=5, y=163)
3281
3282     code_input = scrolledtext.ScrolledText(
3283         js_window, width=169, height=33, font=("Consolas", 12)
3284     )
3285     code_input.place(x=5, y=200)
3286
3287     # *MAIN LOOP
3288
3289     js_window.mainloop()
3290
3291 def listen():
3292     confirm = messagebox.askyesno(
3293         "Confirm", "Are you sure to start recording?"
3294     )
3295     if confirm:
3296         try:
3297             if confirm:
3298                 recognizer = sr.Recognizer()
3299
3300                 with sr.Microphone() as source:
3301                     audio = recognizer.listen(source)
3302                     # type: ignore
3303                     text = str(recognizer.recognize_google(audio))
3304
3305                     text_input.insert("1.0", text)
3306                     return text
3307             except sr.UnknownValueError:
3308                 messagebox.showerror("Error", "Could not understand audio")
3309         if not confirm:
3310             messagebox.showinfo("Info", "Recording Canceled")
3311
3312 def listen_click():
3313     listen()
3314     text_input.insert("52", f"{listen}")
3315
3316 def read(text):
3317     try:
3318         ts = gTTS(text, lang="en")
3319         ts.save("temp.mp3")
3320         system("start temp.mp3")
3321     except AssertionError:
3322         messagebox.showerror(
3323             "Error", "No text to read, Operation cancelled."
3324         )
3325
3326 # *GUI CONFIG.
3327
3328 window = Window(themename="superhero")
3329 window.title("TLock")
3330 window.geometry("1920x1080")
3331 window.state("zoomed")
3332 menubar = Menu(window)
3333 window.config(menu=menubar)
3334
3335 accessibility_menu = Menu(menubar, tearoff=False)
3336 accessibility_menu.add_command(label="Help", command=help_func)
3337 accessibility_menu.add_command(
3338     label="Microphone Writer", command=listen_click
3339 )
3340 accessibility_menu.add_command(
3341     label="Text to Speech", command=lambda: read(text_input.get("1.0", END))
3342 )
3343 accessibility_menu.add_command(
3344     label="Exit", command=lambda: window.destroy()
3345 )

```

```

3342 menubar.add_cascade(label="Accessibility", menu=accessibility_menu)
3343
3344 text_menu = Menu(menubar, tearoff=False)
3345 text_menu.add_command(label="Save a Tetf", command=save_encrypted_text)
3346 text_menu.add_command(label="Open a Tetf", command=open_decrypted_text)
3347 text_menu.add_command(label="Open Notepad",
3348                       command=lambda: system("start notepad"))
3349 menubar.add_cascade(label="Text Files", menu=text_menu)
3350
3351 image_menu = Menu(menubar, tearoff=False)
3352 image_menu.add_command(label="Create a Teif", command=save_encrypted_image)
3353 image_menu.add_command(label="Open a Teif", command=open_decrypted_image)
3354 image_menu.add_command(
3355     label="Open Camera",
3356     command=lambda: system("start microsoft.windows.camera:"),
3357 )
3358 menubar.add_cascade(label="Image Files", menu=image_menu)
3359
3360 audio_menu = Menu(menubar, tearoff=False)
3361 audio_menu.add_command(label="Create a Teaf", command=save_encrypted_audio)
3362 audio_menu.add_command(label="Open a Teaf", command=open_decrypted_audio)
3363 audio_menu.add_command(
3364     label="Open Sound Recorder",
3365     command=lambda: system(
3366         r"explorer.exe
3367         shell:appsFolder\Microsoft.WindowsSoundRecorder_8wekyb3d8bbwe!App"
3368     ),
3369 )
3370 menubar.add_cascade(label="Audio Files", menu=audio_menu)
3371
3372 video_menu = Menu(menubar, tearoff=0)
3373 video_menu.add_command(label="Create a Tevf", command=save_encrypted_video)
3374 video_menu.add_command(label="Open a Tevf", command=open_decrypted_video)
3375 video_menu.add_command(
3376     label="Open Camera",
3377     command=lambda: system("start microsoft.windows.camera:"),
3378 )
3379 menubar.add_cascade(label="Video Files", menu=video_menu)
3380
3381 doc_menu = Menu(menubar, tearoff=0)
3382 doc_menu.add_command(label="Create a Tedf", command=save_encrypted_docs)
3383 doc_menu.add_command(label="Open a Tedf", command=open_decrypted_docs)
3384 doc_menu.add_command(
3385     label="Open Word", command=lambda: system("start winword"))
3386 menubar.add_cascade(label="Word Files", menu=doc_menu)
3387
3388 pptx_menu = Menu(menubar, tearoff=0)
3389 pptx_menu.add_command(label="Create a Teppf", command=save_encrypted_pptx)
3390 pptx_menu.add_command(label="Open a Teppf", command=open_decrypted_pptx)
3391 pptx_menu.add_command(
3392     label="Open Powerpoint", command=lambda: system("start powerpnt"))
3393 menubar.add_cascade(label="Powerpoint Files", menu=pptx_menu)
3394
3395.xlsx_menu = Menu(menubar, tearoff=0)
3396.xlsx_menu.add_command(label="Create a Teef", command=save_encrypted_excel)
3397.xlsx_menu.add_command(label="Open a Teef", command=open_decrypted_excel)
3398.xlsx_menu.add_command(
3399     label="Open Excel",
3400     command=lambda: system("start excel"))
3401 menubar.add_cascade(label="Excel Files", menu=.xlsx_menu)
3402
3403 accdb_menu = Menu(menubar, tearoff=0)
3404 accdb_menu.add_command(label="Create a teadf",
3405                        command=save_encrypted_accdb)
3406 accdb_menu.add_command(label="Open a teadf", command=open_decrypted_accdb)
3407 accdb_menu.add_command(label="Open Access",
3408                        command=lambda: system("start MSACCESS.EXE"))

```

```

3408 menubar.add_cascade(label="Access Files", menu=acddb_menu)
3409
3410 pub_menu = Menu(menubar, tearoff=0)
3411 pub_menu.add_command(label="Create a Tempf", command=save_encrypted_pub)
3412 pub_menu.add_command(label="Open a Tempf", command=open_decrypted_pub)
3413 pub_menu.add_command(label="Open Publisher",
3414                       command=lambda: system("start MSPUB.EXE"))
3415 menubar.add_cascade(label="Publisher Files", menu=pub_menu)
3416
3417 one_menu = Menu(menubar, tearoff=0)
3418 one_menu.add_command(label="Create a Temof", command=save_encrypted_note)
3419 one_menu.add_command(label="Open a Temof", command=open_decrypted_note)
3420 one_menu.add_command(label="Open OneNote",
3421                       command=lambda: system("start onenote"))
3422 menubar.add_cascade(label="OneNote Files", menu=one_menu)
3423
3424 pdf_menu = Menu(menubar, tearoff=0)
3425 pdf_menu.add_command(label="Create a Tepf", command=save_encrypted_pdf)
3426 pdf_menu.add_command(label="Open a Tepf", command=open_decrypted_pdf)
3427 menubar.add_cascade(label="PDF Files", menu=pdf_menu)
3428
3429 zip_menu = Menu(menubar, tearoff=0)
3430 zip_menu.add_command(label="Create a Tezf", command=save_encrypted_zip)
3431 zip_menu.add_command(label="Open a Tezf", command=open_decrypted_zip)
3432 menubar.add_cascade(label="Zip Files", menu=zip_menu)
3433
3434 code_menu = Menu(menubar, tearoff=0)
3435 code_menu.add_command(label="Python IDE", command=python_id)
3436 code_menu.add_command(label="Javascript IDE", command=javascript_id)
3437 menubar.add_cascade(label="Code", menu=code_menu)
3438
3439 text_label = Label(window, text="Text:")
3440 text_label.place(x=10, y=2)
3441
3442 text_input = scrolledtext.ScrolledText(
3443     window, width=169, height=39, bg="gray80", font=("default", 12)
3444 )
3445 text_input.place(x=12, y=32)
3446
3447 # *MAIN LOOP
3448
3449 window.mainloop()
3450
3451
3452 multithreading = Thread(target=main)
3453 multithreading.start()
3454 multithreading.join()
3455
3456 if __name__ == "__tlock__":
3457     main_process = Process(target=main)
3458     main_process.start()
3459     main_process.join()
3460

```