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6 INPUT"A SENTENCE PLEASE":SEN$=SEN$+SEN$+" ":FORX=1TOLEN(SEN$):REMGETASENTENCE
7 RX$=MID$(SEN$, X, 1):IFRX$<>" " THENWRD$=WRD$+RX$:NEXTX
8 GOSUB2000:WRD$="" :NEXTX:WRD$="" :GOSUB10000:WAL$="" :GOT06:REM SAY IT
9 WRD$=WRD$+" ":"WL=LEN(WRD$):FORI=1TOWL:L$=MID$(WRD$, I, 1)
10 L1=0:L2=0:GOSUB8000:IFL=OTHEN20:REM SEE WHAT LETTER IS
13 L1=L:L1$=L$:L2$=MID$(WRD$, I+1, 1):L$=L2$:GOSUB8000:M$="" :REMCHECK NEXT LETTER
14 L2=L:IFL1=L2THENI=I+1:CL=1:IFL1=1THENGOSUB7000:CL=0:GOT019
15 IFCL=1ANDL1=2THENCL=0:GOSUB6000:GOT019
16 I=I+1:GOSUB1000
19 NEXTI:REM DECIPHER IT
20 WAL$=WAL$+"02":RETURN:REM RETURN
1000 IFL1$+L2$="ER"AND(I=LEN(WRD$)ORMID$(WRD$, I+1, 1)="R")THENWAL$=WAL$+"51"
1001 IFL1$+L2$="UR"ANDMID$(WRD$, I+1, 1)="E"THENWAL$=WAL$+"51":RETURN
1002 IFL1$+L2$="UR"THENWRD$=WRD$+"52":RETURN
1003 IFL1$+L2$="IR"ANDMID$(WRD$, I+1, 1)<>"R"THENWAL$=WAL$+"52":RETURN
1004 IFL1$+L2$="IR"ANDMID$(WRD$, I+1, 1)="R"THENWAL$=WAL$+"51":RETURN
1005 IFMID$(WRD$, I-1, 3)="ARR"THENWAL$="26":I=I-1:RETURN
1006 IFL1$+L2$="ER"ANDI<>LEN(WRD$)ANDMID$(WRD$, I+1, 1)<>"R"THENWAL$=WAL$+"52"
1007 IFL1$+L2$="ER"THENRETURN
1008 FORA=1TO5:IFL1$+L2$=V3$(A, 1)THENWAL$=WAL$+V3$(A, 2):RETURN
1009 NEXTA:I=I-1:IFL1=2THENGOT05000
1010 GOT04000
2000 IFWRD$<>"0"ANDVAL(WRD$)=0THENGOSUB9:RETURN
2001 W$=STR$(VAL(WRD$)):P=LEN(W$):P$=W$:IFW$="0"THENWRD$="ZERO":GOSUB9:RETURN
2003 ONP-1 GOSUB2004, 2005, 2008, 2011, 2020, 2030, 2040, 2050, 2060:GOT02100
2004 WRD$=N$(VAL(W$)):RETURN
2005 IFVAL(W$)<21THEN2004
2006 P2$=N$(VAL(LEFT$(W$, 2))+18):P3$=N$(VAL(RIGHT$(W$, 1))):WRD$=P2$+" "+P3$:
2007 RETURN
2008 IFW$=" 000"THENWRD$="" :RETURN
2009 P4$=N$(VAL(LEFT$(W$, 2))):W$=" "+RIGHT$(W$, 2):GOSUB2005
2010 WRD$=P4$+" HUNDRED "+WRD$:RETURN
2011 IFW$=" 0000"THENWRD$="" :RETURN
2012 W$=LEFT$(W$, 2):GOSUB2004:GOT02035
2020 IFW$=" 00000"THENWRD$="" :RETURN
2021 W$=LEFT$(W$, 3):GOSUB2005:GOT02035
2030 IFW$=" 000000"THENWRD$="" :RETURN
2031 W$=LEFT$(W$, 4):GOSUB2008
2035 P5$=WRD$:W$=" "+RIGHT$(P$, 3):GOSUB2008:WRD$=P5$+" THOUSAND "+WRD$:RETURN
2040 W$=LEFT$(W$, 2):GOSUB2004:GOT02065
2050 W$=LEFT$(W$, 3):GOSUB2005:GOT02065
2060 W$=LEFT$(W$, 4)::GOSUB2008
2065 P8$=WRD$:W$=" "+RIGHT$(P$, 6):GOSUB2030:WRD$=P8$+" MILLYUN "+WRD$:RETURN
2100 W1$=WRD$+" ":"WRD$="" :FORK=1TOLEN(W1$):W2$=MID$(W1$, K, 1)
2105 IFW2$<>" " THENWRD$=WRD$+W2$:NEXTK
2110 WRD$=WRD$+" ":"GOSUB9:WRD$="" :IFK<LEN(W1$)THENNEXTK
2115 RETURN
3000 IFL1$="Y"THENWAL$=WAL$+"25":RETURN
3001 IFL1$="0"THENWAL$=WAL$+"31":RETURN

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3002 FORA=1TO3: IFV2$(A, 1)=L1$ THEN WAL$=WAL$+V2$(A, 2): RETURN
3003 NEXTA: RETURN
3010 IF I-2>0 THEN L$=MID$(WRD$, I-2, 1): GOSUB8000: IFL1$="E" ANDL=1 THEN RETURN
3011 IF V2$(1, 1)=L1$ AND I=LEN(WRD$) THEN WAL$=WAL$+"15": RETURN
3012 FORA=1TO6: IFV2$(A, 1)=L1$ THEN WAL$=WAL$+V2$(A, 2): RETURN
3013 NEXTA: IFL1$="Y" THEN WAL$=WAL$+"49": RETURN
3015 PRINT"ERROR ERROR": STOP
4000 IFL1$="" THEN RETURN
4001 R$=MID$(WRD$, I+1, 1): IF I=LEN(WRD$)-1 THEN 3010
4003 IF LEN(WRD$)>I+2 THEN X$=MID$(WRD$, I+2, 1): IF X$="E" THEN 3010
4004 FORA=1TO6: IFV1$(A, 1)=L1$ THEN WAL$=WAL$+V1$(A, 2): RETURN
4005 NEXTA: PRINT"ERROR ERROR": STOP
5000 IFL1$="C" ANDL2$="E" THEN WAL$=WAL$+"55": RETURN
5001 IFL1$="R" AND MID$(WRD$, I-3, 2)="EA" THEN WAL$=LEFT$(WAL$, LEN(WAL$)-2)+"6003"
5002 FORA=1TO20: IFC$(A, 1)=L1$ THEN WAL$=WAL$+C$(A, 2): GOTO5003
5003 IF MID$(WRD$, I-2, 3)="ARE" THEN WAL$=LEFT$(WAL$, LEN(WAL$)-2)+"4703"
5004 IFL1$="H" AND (L2$="A" OR L2$="E") THEN WAL$=WAL$+"27": RETURN
5005 IFL1$="H" AND (L2$="O" OR L2$="U") THEN WAL$=WAL$+"57": RETURN
5006 IFL1$="B" ANDL2<>1 THEN WAL$=WAL$+"28": RETURN
5007 IFL1$="B" ANDL2=1 THEN WAL$=WAL$+"63": RETURN
5008 IFL1$="D" AND I-1=LEN(WRD$) THEN WAL$=WAL$+"21": RETURN
5009 IFL1$="D" AND I-1<>LEN(WRD$) THEN WAL$=WAL$+"33": RETURN
5010 IFL1$="G" AND (L2$="E" OR L2$="A") THEN WAL$=WAL$+"36": RETURN
5011 IFL1$="G" THEN WAL$=WAL$+"61": RETURN
5012 FORA=1TO20: IFC$(A, 1)=L1$ THEN WAL$=WAL$+C$(A, 2): GOTO5007
5013 NEXTA: PRINT"ERROR ERROR": STOP
5014 L$=L2$: GOSUB8000: IFL=1 THEN RETURN
5015 WAL$=WAL$+"02": RETURN
6000 L3$=L1$+L2$: IFL3$="GH" AND I+1=LEN(WRD$) THEN WAL$=WAL$+"4040": RETURN
6001 IF I-2<1 THEN 6003
6002 IF MID$(WRD$, I-2, 1)="I" AND L3$="GH" THEN WAL$=LEFT$(WAL$, LEN(WAL$)-2)+"06"
6003 IFL2$="S" AND I+2=LEN(WRD$) THEN I=I-1: GOTO5000
6004 IFL1$=L2$ THEN I=I-1: GOSUB5000: WAL$=WAL$+"03": RETURN
6005 FORA=1TO13: IFCC$(A, 1)=L3$ THEN WAL$=WAL$+CC$(A, 2): RETURN
6006 NEXTA: I=I-1: GOTO5000
7000 IF (L1$="Y" ANDL2$="O") OR (L1$="Y" ANDL2$="E" AND I-1=1) THEN I=I-1: GOTO4000
7001 IFL1$+L2$="YE" AND I>2 THEN WAL$=WAL$+"06": RETURN
7002 IFL1$+L2$="IO" AND MID$(WRD$, I-2, 1)="T" THEN WAL$=LEFT$(WA$, LEN(WA$)-1)+"3730"
7003 IFL1$+L2$="IO" AND MID$(WRD$, I-2, 1)<>"T" THEN WRD$=WRD$+"30"
7004 IFL1$+L2$="IO" THEN RETURN
7005 FORA=1TO18: IFVC$(A, 1)=L1$+L2$ THEN WAL$=WAL$+VC$(A, 2): RETURN
7006 NEXTA: I=I-1: GOTO4000
8000 L=0: FORA=1TO5: IFV1$(A, 1)=L$ THEN L=1: RETURN
8001 M$="": IFL=1 THEN RETURN
8002 NEXTA: FORA=1TO11: IFC$(A, 1)=L$ THEN L=2: RETURN
8004 NEXTA: L$=" " : L=0: RETURN
9000 DIM VC$(17, 2), V1$(5, 2), C$(11, 2), CC$(13, 2), V2$(5, 2), N$(28), V3$(4, 2)
9001 FOR I=1 TO 17: READ VC$(I, 1), V1$(I, 2): NEXT: FOR I=1 TO 5: READ V1$(I, 1), V1$(I, 2): NEXT
9002 FOR I=1 TO 11: READ C$(I, 1), C$(I, 2): NEXT: FOR I=1 TO 13: READ CC$(I, 1), CC$(I, 2): NEXT
9003 FOR I=1 TO 5: READ V2$(I, 1), V2$(I, 2): NEXT: FOR I=1 TO 27: READ N$(I): NEXT
9004 READ N$(I): NEXT: FOR I=1 TO 4: READ V3$(I, 1), V3$(I, 2): NEXT: RETURN
9100 DATA AA, 23, AE, 20, AI, 20, AY, 20, EA, 19, EE, 19, EI, 20, EY, 19, IA, 1915, IE, 06
9101 DATA DA, 53, DE, 53, DU, 32, UI, 12, AU, 23, UE, 31, OO, 31, A, 26, E, 07, I, 1212, U, 30
9102 DATA Y, 49, C, 0242, F, 40, L, 45, M, 16
9103 DATA Q, 0846, P, 0109, S, 5555, V, 35, W, 46, X, 070702415555, Z, 43, TH, 29
9104 DATA NT, 110217, GN, 56, CH, 0250, KN, 11, SH, 37, QU, 4248, NG, 44, PH, 40, WH, 48
9106 DATA GH, O3, DG, 01330110, CK, 0241, A, 20, I, 06, E, 19, O, 53, U, 4922
9110 DATA " ", WON, TOO, THREE, FOR, FIVE, SIX, SEVIN, EIGHT, NINE
9111 DATA TEN, ELEVEN, TWELVE, THIRTEEN, FORTEN, FIFTEEN, SIXTEEN
9112 DATA SEVENTEEN, EIGHTEEN, NINE TEEN, TWENTY, THIRTY, FORTY
9113 DATA FIFTY, SIXTY, SEVINTY, EIGHTY, NINE TEE
9115 DATA QU, 0848, LE, 62, OR, 58, AR, 59
10000 WAL$=WAL$+"00"
10001 FOR I=1 TO LEN(WAL$) STEP 2: AL=VAL(MID$(WAL$, I, 2)): POKE 56577, AL
10002 POKE 56576, PEEK(56576) AND NOT 4: WAIT 56589, 16: POKE 56576, PEEK(56576)+4: NEXTI
10003 RETURN

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