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 1 /Users/Rajath/PycharmProjects/Assignment2/venv/bin/python /
   Users/Rajath/PycharmProjects/Assignment2/main_29498724.py
 2 01          A
 3 1000        B
 4 1010        C
 5 100         D
 6 0           E
 7 0010        F
 8 110         G
 9 0000        H
10 00          I
11 0111        J
12 101         K
13 0100        L
14 11          M
15 10          N
16 111         O
17 0110        P
18 1101        Q
19 010         R
20 000         S
21 1           T
22 001         U
23 0001        V
24 011         W
25 1001        X
26 1011        Y
27 1100        Z
28
29 11111           0
30 01111           1
31 00111           2
32 00011           3
33 00001           4
34 00000           5
35 10000           6
36 11000           7
37 11100           8
38 11110           9
39 010101          .
40 110011          ,
41 001100          ?
42
43 The Morse Code sequences can be of any length but with the
   minimum of one set of three consecutive '*'
44 Please use displayed Morse code translation table for your
   reference.
45 Click on <ENTER> twice to terminate and submit your input.
46 Enter your Morse Code sequence: 0000*0*1011***110011***0000
   *111*011***01*010*0***1011*111*001***001100
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47 sequence:  0000*0*1011***110011***0000*111*011***01*010*0
   ***1011*111*001***001100
48 total input sequence :  ['0000*0*1011***110011***0000*111*
   011***01*010*0***1011*111*001***001100']
49 Enter your Morse Code sequence: 0000*00***110011***00*01*11
   ***110*111*111*100***010101
50 sequence:  0000*00***110011***00*01*11***110*111*111*100***
   010101
51 total input sequence :  ['0000*0*1011***110011***0000*111*
   011***01*010*0***1011*111*001***001100', '0000*00***110011
   ***00*01*11***110*111*111*100***010101']
52 Enter your Morse Code sequence: 0000*111*011***01*010*0***
   1011*111*001***001100
53 sequence:  0000*111*011***01*010*0***1011*111*001***001100
54 total input sequence :  ['0000*0*1011***110011***0000*111*
   011***01*010*0***1011*111*001***001100', '0000*00***110011
   ***00*01*11***110*111*111*100***010101', '0000*111*011***01
   *010*0***1011*111*001***001100']
55 Enter your Morse Code sequence:
56 final input sequence :  0000*0*1011***110011***0000*111*011
   ***01*010*0***1011*111*001***001100***0000*00***110011***00
   *01*11***110*111*111*100***010101***0000*111*011***01*010*0
   ***1011*111*001***001100
57 Decoded sequence : HEY , HOW ARE YOU ? HI , IAM GOOD . HOW
   ARE YOU ?
58 Enter 1 to check for character analysis on your input
59 Enter 2 to check for word analysis on your input
60 Enter 3 to check for sentence analysis on your input
61 Enter 4 to exit
62 Enter 0 to input another sequence
63 Enter your choice: 1
64 Decoded sequence : HEY , HOW ARE YOU ? HI , IAM GOOD . HOW
   ARE YOU ?
65 Character analysis :
66  H  character occurred   4  time(s)
67 E  character occurred   3  time(s)
68 Y  character occurred   3  time(s)
69 O  character occurred   6  time(s)
70 W  character occurred   2  time(s)
71 A  character occurred   3  time(s)
72 R  character occurred   2  time(s)
73 U  character occurred   2  time(s)
74 I  character occurred   2  time(s)
75 M  character occurred   1  time(s)
76 G  character occurred   1  time(s)
77 D  character occurred   1  time(s)
78
79 Press enter to go back to the Menu
80 Enter 1 to check for character analysis on your input
81 Enter 2 to check for word analysis on your input
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 82 Enter 3 to check for sentence analysis on your input
 83 Enter 4 to exit
 84 Enter 0 to input another sequence
 85 Enter your choice: 2
 86 Decoded sequence : HEY , HOW ARE YOU ? HI , IAM GOOD . HOW
    ARE YOU ?
 87 Word analysis :
 88  HEY  word occurred  1  time(s)
 89 HOW  word occurred  2  time(s)
 90 ARE  word occurred  2  time(s)
 91 YOU  word occurred  2  time(s)
 92 HI  word occurred  1  time(s)
 93 IAM  word occurred  1  time(s)
 94 GOOD  word occurred  1  time(s)
 95
 96 Press enter to go back to the Menu
 97 Enter 1 to check for character analysis on your input
 98 Enter 2 to check for word analysis on your input
 99 Enter 3 to check for sentence analysis on your input
100 Enter 4 to exit
101 Enter 0 to input another sequence
102 Enter your choice: 3
103 Decoded sequence : HEY , HOW ARE YOU ? HI , IAM GOOD . HOW
    ARE YOU ?
104 Sentence analysis :
105  Clauses occurred 2 time(s)
106 Questions occurred 2 time(s)
107 Full sentences occurred 1 time(s)
108
109 Press enter to go back to the Menu
110 Enter 1 to check for character analysis on your input
111 Enter 2 to check for word analysis on your input
112 Enter 3 to check for sentence analysis on your input
113 Enter 4 to exit
114 Enter 0 to input another sequence
115 Enter your choice:
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