```
 1 /Library/Java/JavaVirtualMachines/jdk-13.0.1.jdk/Contents/
   Home/bin/java "-javaagent:/Applications/IntelliJ IDEA.app/
   Contents/lib/idea_rt.jar=53070:/Applications/IntelliJ IDEA.
   app/Contents/bin" -Dfile.encoding=UTF-8 -classpath /Users/
   prajakta/Desktop/CS5010PDPCourseWork/HW/HW4HuffmanEncoding/
   out/production/HW4HuffmanEncoding huffman.Driver
 2 Select operations:
 3  1. Generate huffman code and get code dictionary
 4  2. Provide any custom code dictionary to encode plain text
 5  3. Use any custom code dictionary to decode the encoded
   message
 6   Enter appropriate option
 7 1
 8 If you want to read input from file, type F
 9 If you want to provide input through keyboard, type K
10 If you want to run through hardcoded text "she sells sea
   shells at the sea shore", type any other key
11 k
12 Enter plain text that needs to be encoded
13 she sells sea shells at the sea shore!! This is a beautiful
    day, everything is gonna be amazing, this is a very
   amazing assignment uola:) :&*
14 How many symbols do you want to encode with?
15 16
16 Enter the symbols one at a time and press enter.
17 If space, type space. If tab, type tab. If new line, type
   new
18 0
19 1
20 2
21 3
22 4
23 5
24 6
25 7
26 8
27 9
28 A
29 B
30 C
31 D
32 E
33 F
34 Do you want to write the dictionary to a file? Enter F,
   otherwise enter any other key to print on console
35 C
36 T:B3
37  :A
38 !:B6
39 a:8
```

```
40 b:B9
41 d:B4
42 e:7
43 &:B0
44 f:B5
45 g:1
46 h:4
47 ):B1
48 i:6
49 *:B2
50 ,:B7
51 l:2
52 m:BC
53 n:5
54 o:BD
55 r:BE
56 s:9
57 t:3
58 u:BF
59 v:BA
60 y:0
61 ::B8
62 z:BB
63
64 Press q to quit, else press any other key
65
```