**Reading the input message from file. Encodes in binary Huffman encoding type. Then prints to the screen the encoded message and the prefix encoding.**

**The bolded ones are user inputs.**

Enter the type of demo you want to try (in integer format):

1. Read from User

2. Read from File

3. Save to File

4. Print to Screen

5. Encode Decode

6. Default Easy Encoder

7. Custom Encoder

8. Default Decoder

0. Exit

**4**

Enter the location of the input message to be encoded: (Eg. filename.txt)

**input\_text.txt**

Enter the type of huffman encoding (in String Format):

1. Binary

2. Hexadecimal

**binary**

Input Message: Hi i am Iron Man!

The encoded Message:

11111100001000001110100001001110101111000010101111011110

The encoded scheme:

{ =00, !=11110, a=011, r=1110, H=11111, I=0100, i=100, M=0101, m=1010, n=110, o=1011}