```
Huffman Coding
      Character - freq
                               zip
                                4 Data compression
                          1 Byte - 8 bits
                              Pre-requisite
                                U неар
              f = 45
                                  Data Structure
     5 * 8 + 9 * 8 + 12 * 8 + 13 * 8 + 16 * 8 + 45 * 8
       = 40+72+96+104+128+360
        => 800 bils
           More frequency -> Letter bit
Psuedocode - Huffman Tree
                      O(\gamma)
 J Build heap -
                            4 Mathematical
       ~ Minheap
Devivation _ 2 Del
2) Pop 2 times & insert the addition _ 1 Insertion
                                (m-1) 3 logn
         of two deleted
              elements - Minheap
             Deletion - O(logn)
               Minheap
                     - smallert
                          element
             Insertian _____ O(logn)
```

