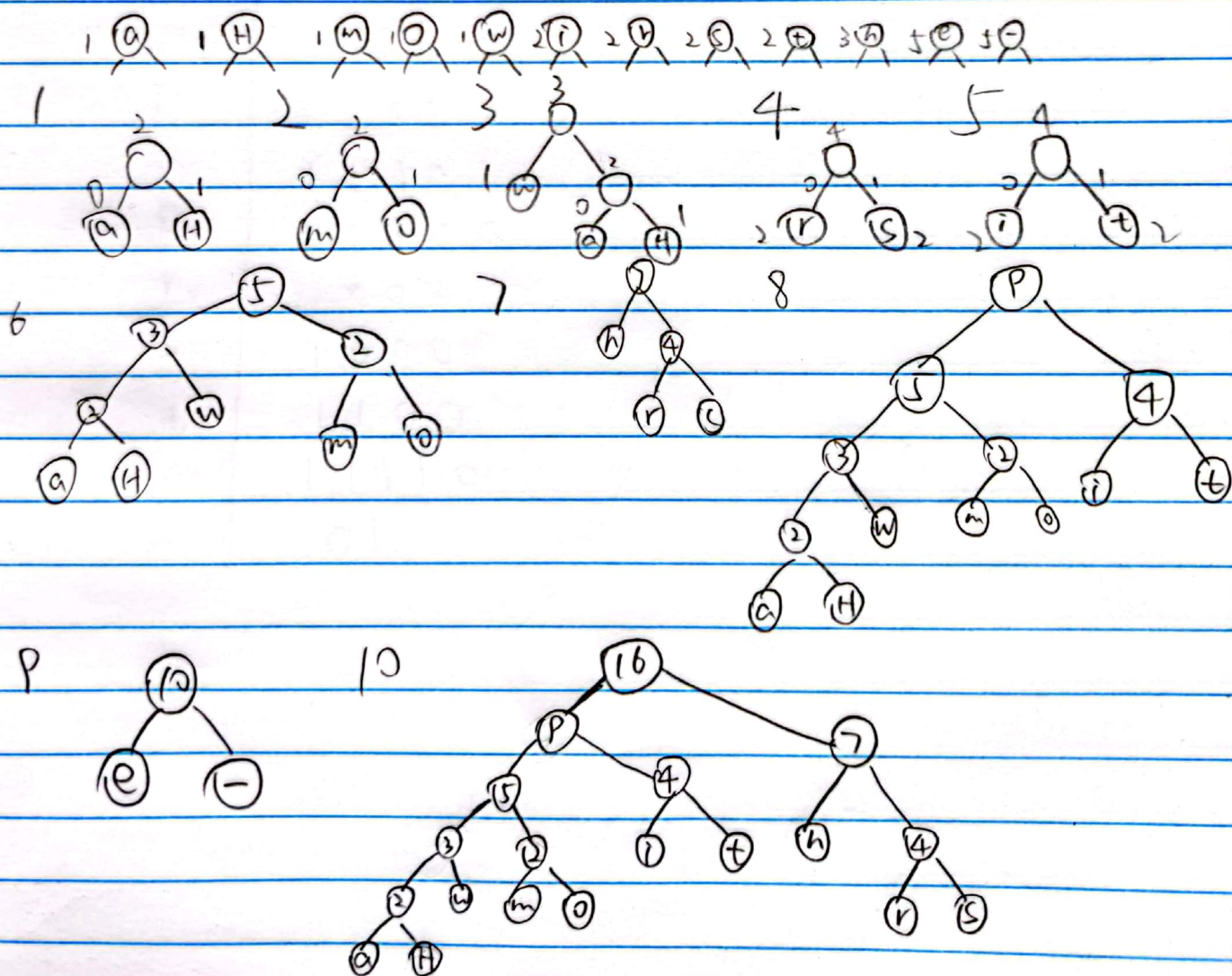
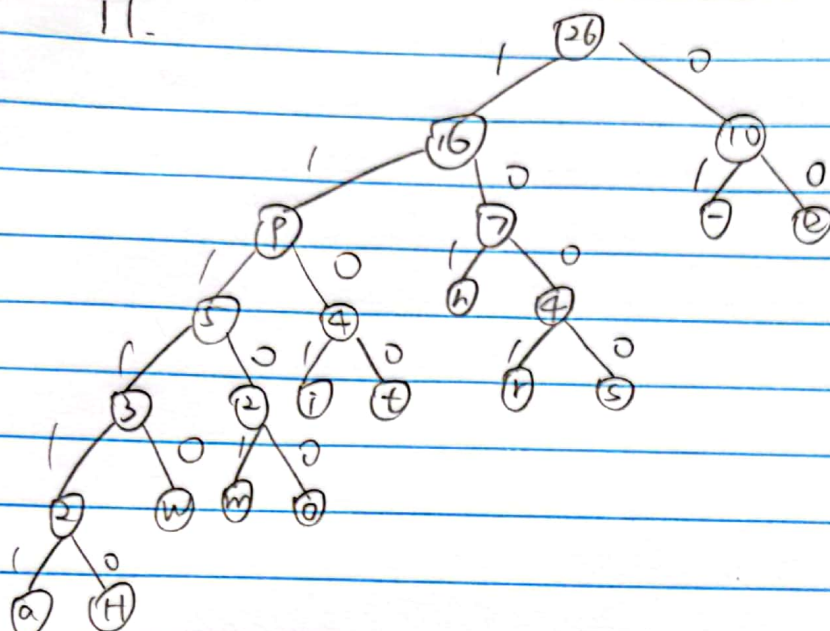


char freq

a	1
e	5
h	3
H	1
i	2
m	1
O	1
r	2
s	2
t	2
w	1
-	5



11.



char	encode
a	1 1 1 1 1 1
e	0 0
H	1 1 1 1 1 0
h	1 0 1
i	1 1 0 1
m	1 1 1 0 1
o	1 1 1 0 0
r	1 0 0 1
s	1 0 0 0
t	1 1 0 0
w	1 1 1 1 0
-	0 1



Filename	Mobydick
Size of compressed	2921328
Size of decompressed	5145680
Ratio of Huffman	56.8%
Ration of Runlength	$20694968/56957160=36.3\%$

Filename	Q32x48
Size of compressed	816
Size of decompressed	1536
Ratio of Huffman	53.1%
Ration of Runlength	$1144/ 14432 = 7.9\%$

Filename	medTale
Size of compressed	23912
Size of decompressed	45056
Ratio of Huffman	53.1%
Ration of Runlength	$182520/526840 = 34.6\%$

Filename	genomeVirus
Size of compressed	12576
Size of decompressed	50008
Ratio of Huffman	25.1%
Ration of Runlength	$223632/447424 = 50\%$

When you compress a compressed file , the file size will be bigger than the first compressed one but smaller than the decompressed one.
The Runlength function make the file size bigger.

