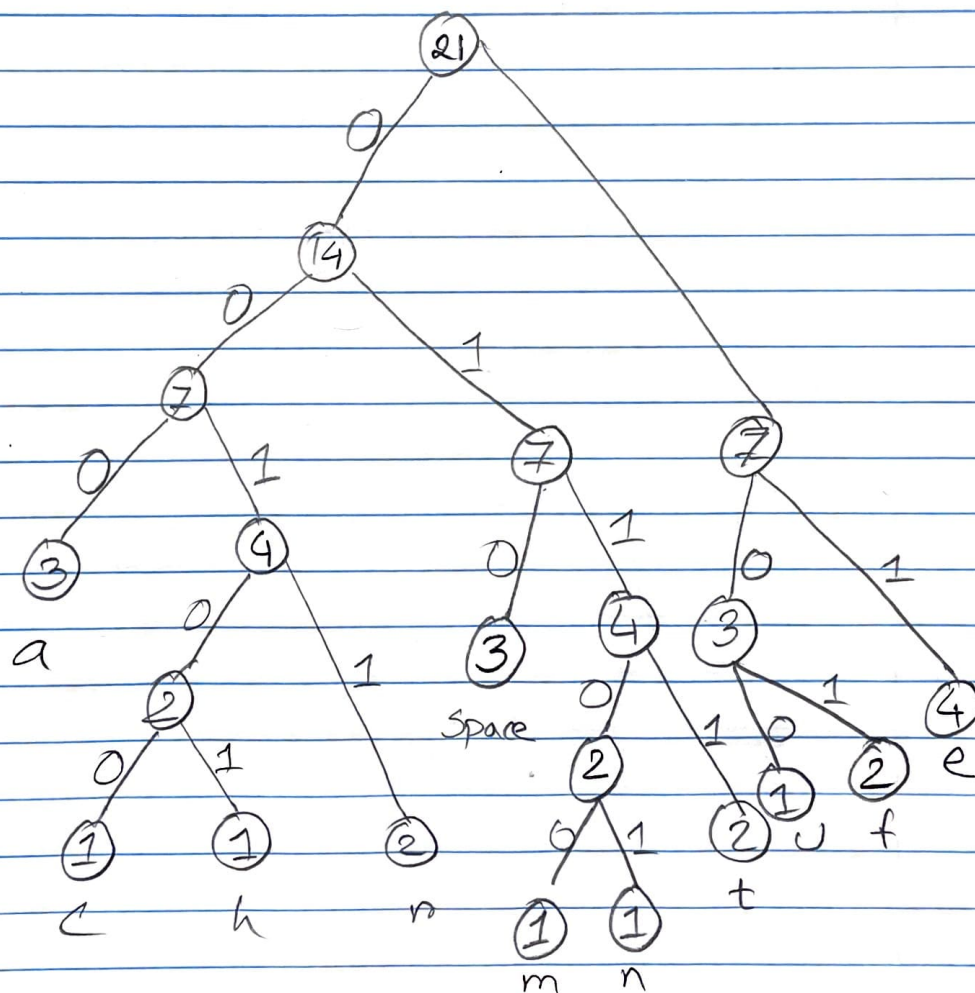


CMSC 204: Huffman Lab

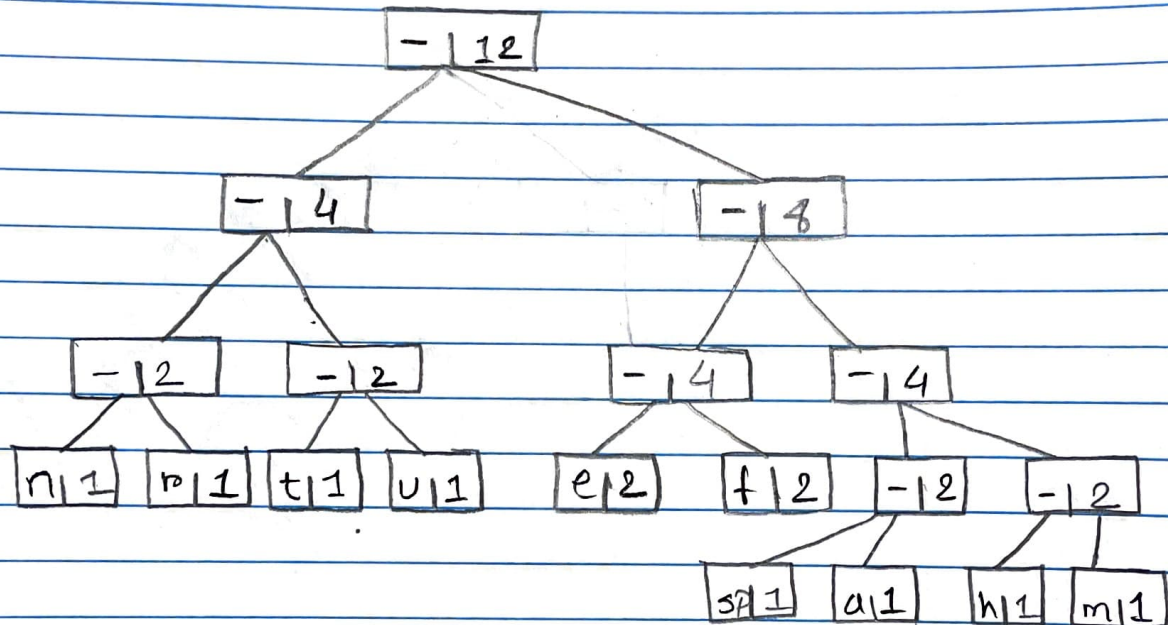
1) Create a Huffman tree and generate the codes for each character.



Code directs to each letter:

c	p	e	a	t	n	u	f	m	n	Space
1	2	4	3	2	1	1	2	1	1	3
00100	0011	11	000	0111	00101	100	101	01100	01101	010

2) Based on the following Huffman tree and binary sequence, what is the text,



1110	011	101	101	1111	1101	000	1100	010	001
h	u	f	f	m	a	n	-	t	r

100	100
e	e