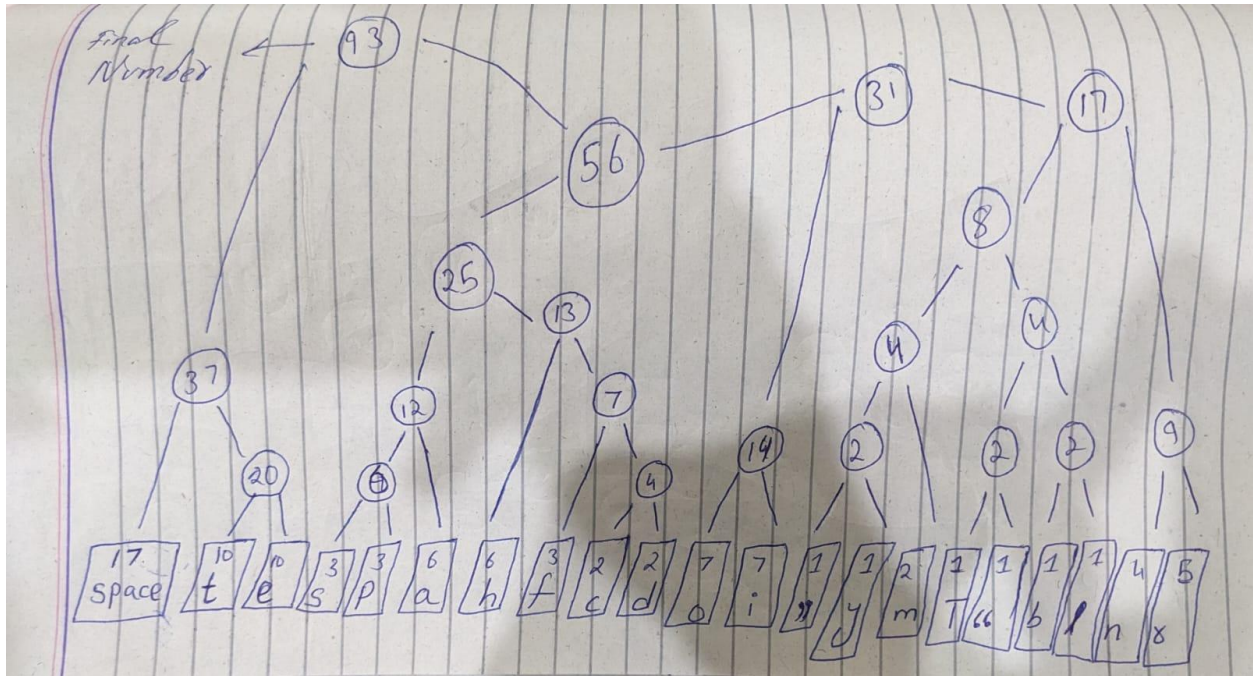


“The definition of heap is that it is a complete binary tree that conforms to the heap order”

Characters are 93 including the opening and closing quotes.

Sr No.	Character	Frequency
1.	“ (Starting Quotes)	1
2.	T	1
3.	h	6
4.	e	10
5.	Space ie (' ')	17
6.	d	2
7.	f	3
8.	i	7
9.	n	4
10.	t	10
11.	o	7
12.	a	6
13.	p	3
14.	s	3
15.	c	2
16.	m	2
17.	l	1
18.	b	1
19.	r	5
20.	y	1
21.	” (Ending Quotes)	1

Sr No.	Character	Binary Code
1.	" (Starting Quotes)	1110101
2.	T	1110100
3.	h	1010
4.	e	011
5.	Space ie (' ')	00
6.	d	101111
7.	f	10110
8.	i	1101
9.	n	11110
10.	t	010
11.	o	1100
12.	a	1001
13.	p	10001
14.	s	10000
15.	c	101110
16.	m	111001
17.	l	1110111
18.	b	1110110
19.	r	11111
20.	y	1110001
21.	" (Ending Quotes)	1110000



Right subtree is 0

Left subtree is 1.

Final Code:

```

11101011110100101001100101111011101101101111101101010110111001111000110010110001
010011100110001001101100000001010101001010001101010001101100000010010010111011
001110011000111101101101001100111011011011111010011111111000100010111110110110
00101010100101000101110110011110101101100111111110011000000101100000101010011
0010100111001100010011001111110111101111111111110000

```