

usm404

Question 1 Screenshot

```
BST Pre-order: 1 2 3 4 5  
Balanced-AVL Pre-order: 3 1 2 4 5
```

Question 2 Screenshot

```
Data: a | Freq: 5  
Data: b | Freq: 9  
Data: c | Freq: 12  
Data: d | Freq: 13  
Data: e | Freq: 16  
-----  
Huffman Codes:  
c: 00  
d: 01  
a: 100  
b: 101  
e: 11
```

Char	Code	Freq	Bits
a	100	5	15
b	101	9	27
c	00	12	24
d	01	13	26
e	11	16	32
Total Bits		124	