Etan Soclof

Huffman Drill

3.

| 5 B | 10 E | 12 C | 15 A | 17 D | 25 F |

---

0 15 1
5 B   10 E

| 12 C | 15 A | 17 D | 25 F |

---

0 27 1
12 C
0 15 1
5 B   10 E

| 15 A | 17 D | 25 F |

---

0 27 1
12 C
0 15 1
5 B   10 E

0 32 1
15 A   17 D

25 F

---

0 52 1
25 F
0 27 1
12 C
0 15 1
5 B   10 E

0 32 1
15 A   17 D

---

0 84 1
0 32 1   0 52 1
15 A   17 D   25 F   0 27 1
                                        12 C
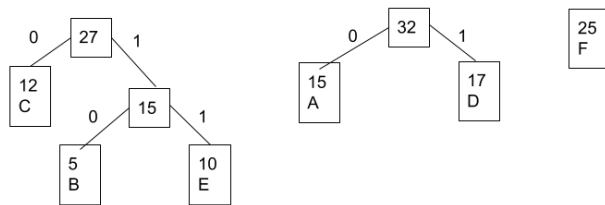   0 15 1
                                        5 B   10 E
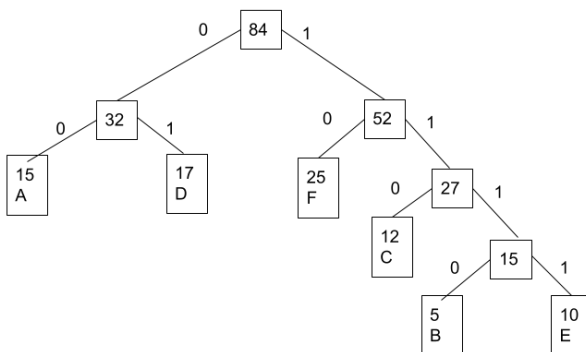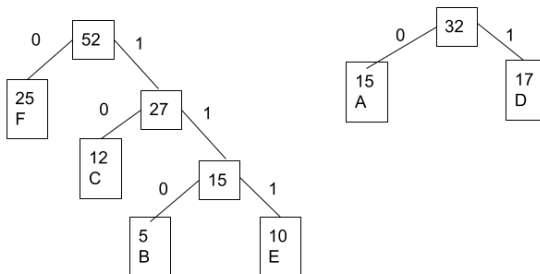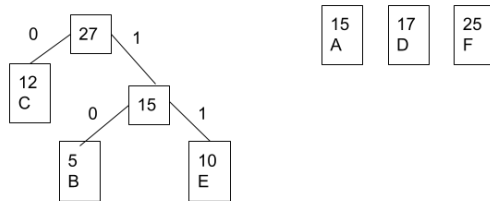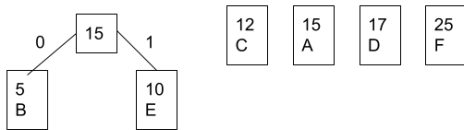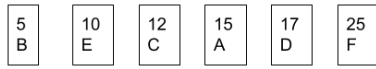
4.
String: DEED
Encoding: 10100101
Number of bits: 8

String: MUCK
Encoding: 111111001110111101
Number of Bits: 18

5.
DUCK