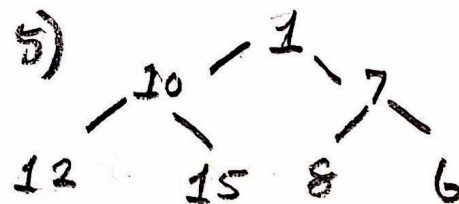
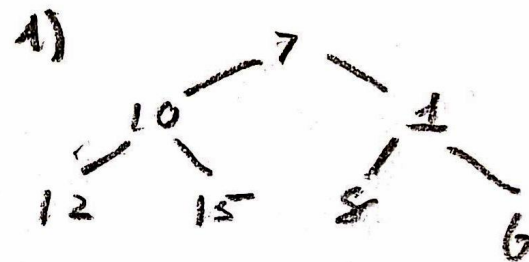
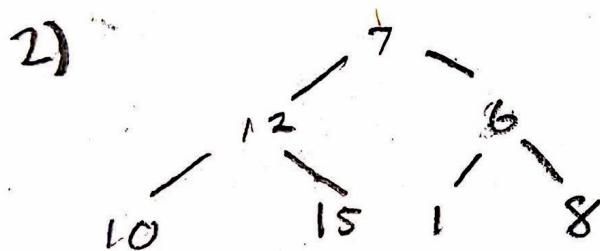
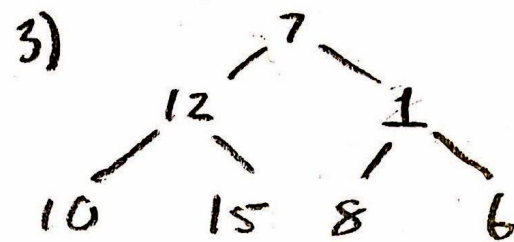
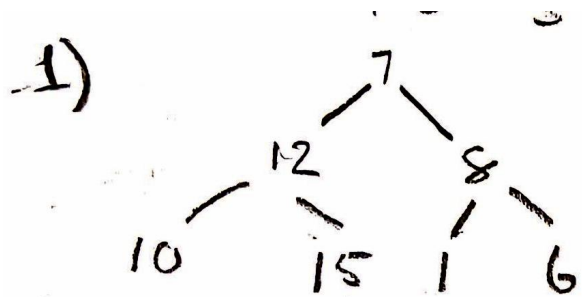
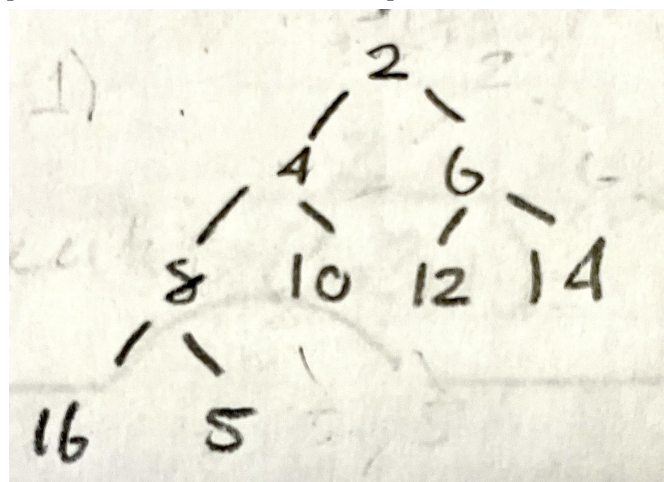


## Part A

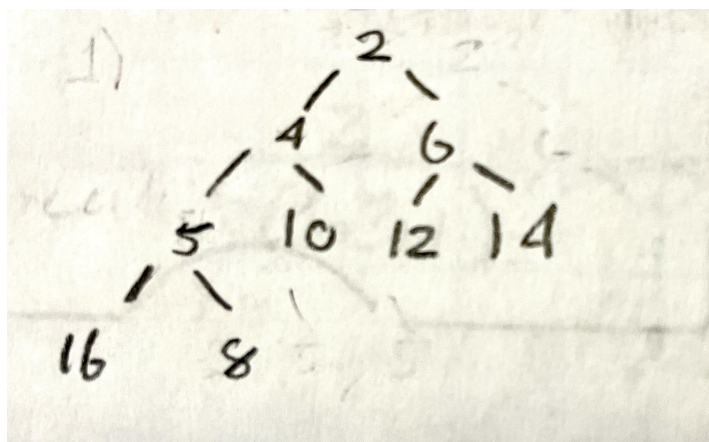


## Part B

1. Initial: [2, 4, 6, 8, 10, 12, 14, 16]
2. Insert 5:
  - a. [2, 4, 6, 8, 10, 12, 14, 16, 5]

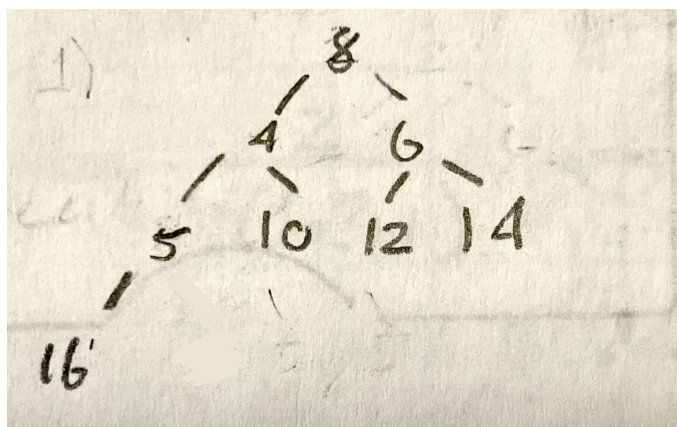


- b. [2, 4, 6, 5, 10, 12, 14, 16, 8]

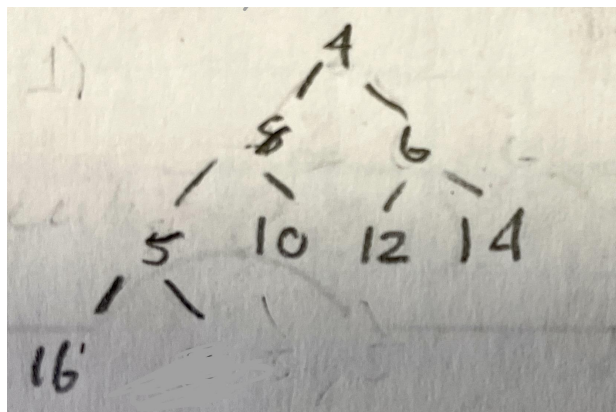


3. Pop (top element)

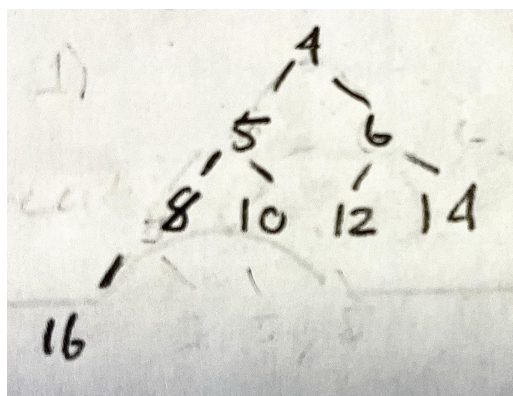
- a. [8, 4, 6, 5, 10, 12, 14, 16]



- b. [4, 8, 6, 5, 10, 12, 14, 16]

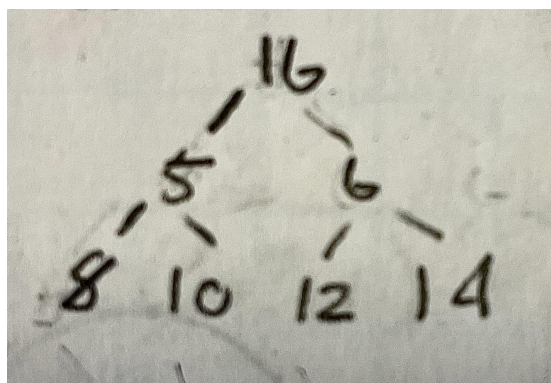


- c. [4, 5, 6, 8, 10, 12, 14, 16]

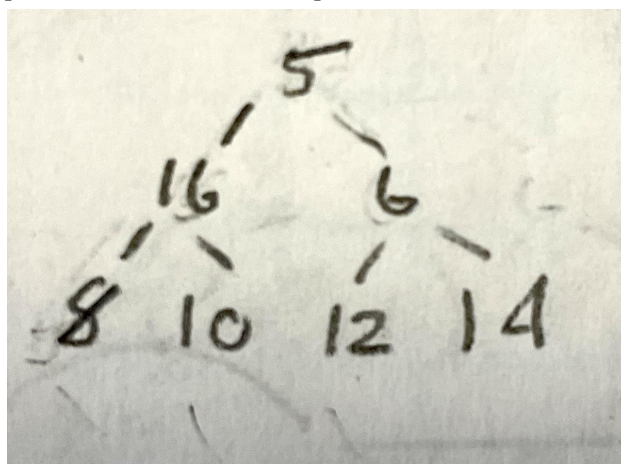


4. Pop (top element)

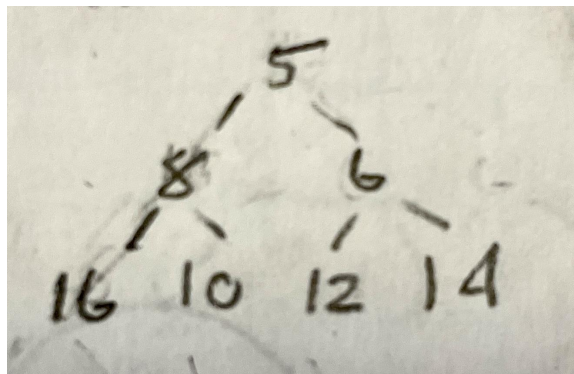
- a. [16, 5, 6, 8, 10, 12, 14]



- b. [5, 16, 6, 8, 10, 12, 14]

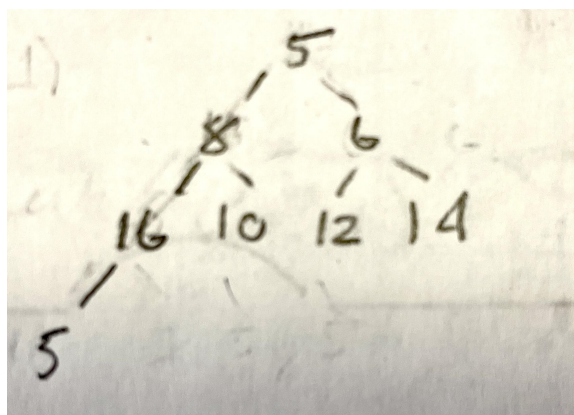


c. [5, 8, 6, 16, 10, 12, 14]

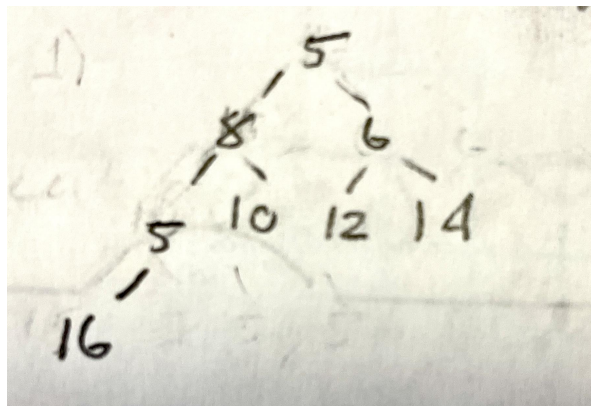


5. Insert 5:

a. [5, 8, 6, 16, 10, 12, 14, 5]



b. [5, 8, 6, 5, 10, 12, 14, 16]



c. [5, 5, 6, 8, 10, 12, 14, 16]

