6-4-1 the array is {5, 13, 3, 25, 7, 17, 20, 8, 4}

the max heap is
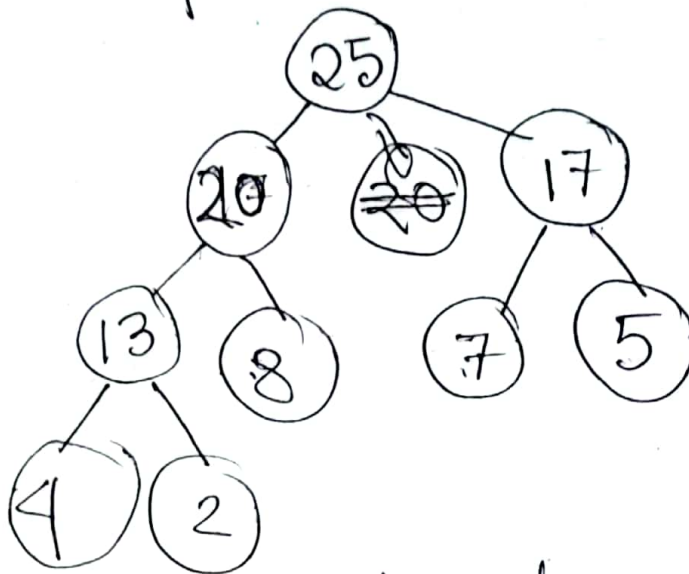
Now Deleting the top element;

S-1

Pop element: 25

S-2

Pop element: 20,25

S-3

Pop element: 17,20,25
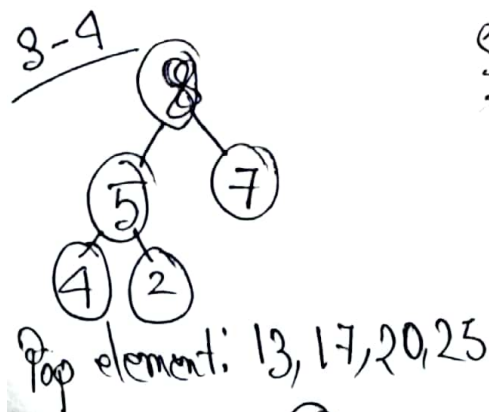
S-4

Pop element: 13,17,20,25

S-4

Pop element: 8, 13,17,20,25

S-5

Pop element: 7,8,13, 17,20,23

S-6

Pop element: 5,7, 8,13,17,20,23

S-7

Pop element: 4,5,7,8,13,17,20,23
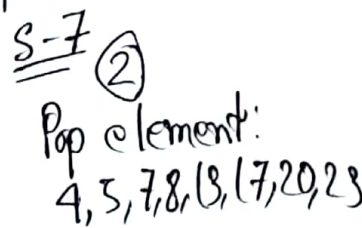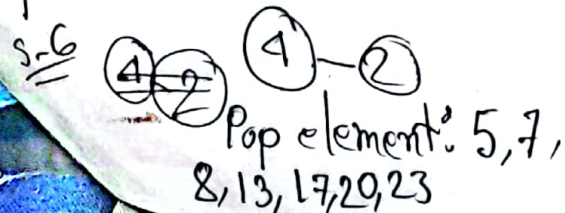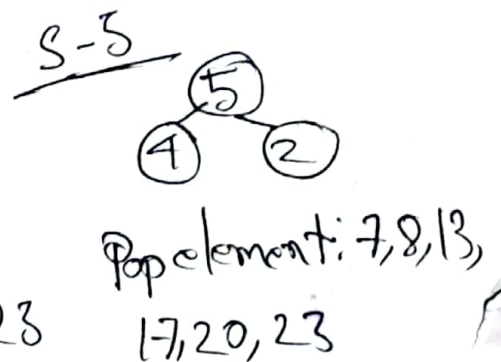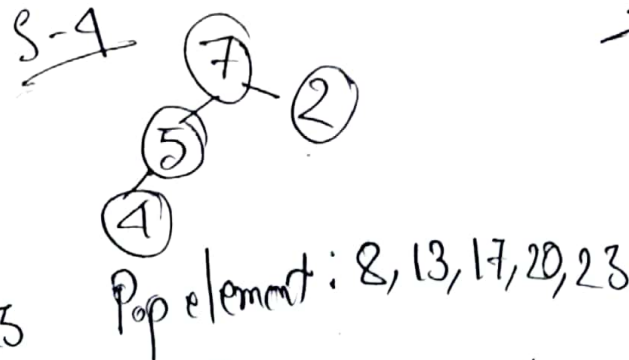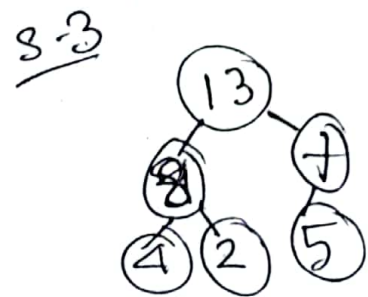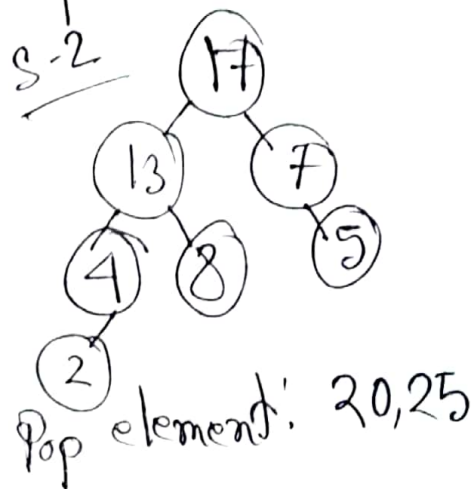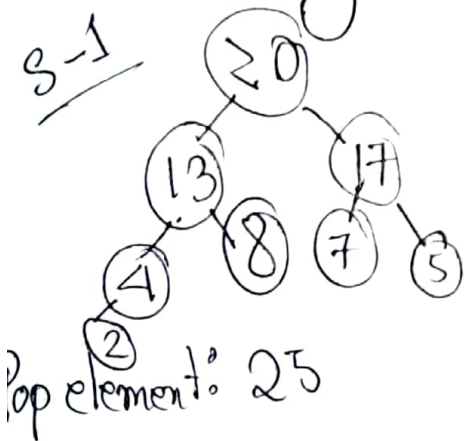
After popping last element, array is {2,4,5,7,8,13,17,20,23}