**WEEK - 6**

**R-10.4**

O(n2)

**R-10.9**

0->

1->20

2->

3->

4 -> 16,5

5->44,88,11

6->94,39

7->12,13

8->

9->13

**R-10.10**

11 39 20 5 16 44 88 12 23 13 94

**R-11.2**

30

40

30

20 40

58

30

24 40

26 58

48

30

24 40

11 26 58

13 48

**R-11.3**

5 (2 w/ 1 as root, 1 w/ 2 as root, 2 w/ 3 as root).

**R-11.9**

To replace the 62 node with its inorder predecessor or in-order successor.

Then delete the in-order predecessor or in-order successor.