

## **Java & DSA - ASSIGNMENT - DAY 11**

Please practice the following activities

1. Implement RedBlack Trees to store Employee Objects considering designation of the Employee as primary key. You can consider designations to be integer numbers
2. Implement AVL Trees to store Product Objects considering name of the Product as primary key
3. Create a Graph Data Structure representing the structure of a Hospital with different blocks using OOPS. You must consider the valid attributes while creating the graph.
4. Implement Weighted Graph in the above created scenario of Hospital
5. Also, implement the Directed Weighted Graph, representing the structure of a Hospital.