Code:-

```
node rightRotate(node y) {
node leftRotate(node x) {
```

```
root.left = leftRotate(root.left);
void preOrder(node node) {
       tree.root = tree.insertNode(tree.root, 13);
tree.root = tree.insertNode(tree.root, 53);
tree.root = tree.insertNode(tree.root, 9);
```

```
tree.root = tree.insertNode(tree.root, 21);
    tree.root = tree.insertNode(tree.root, 61);
    tree.root = tree.insertNode(tree.root, 8);
    tree.root = tree.insertNode(tree.root, 11);
    tree.printTree(tree.root, "", true);
    tree.root = tree.deleteNode(tree.root, 13);
    System.out.println("After Deletion: ");
    tree.printTree(tree.root, "", true);
}
```

OUTPUT:-

```
 \verb|C:\Users\91705\.jdks\openjdk-20.0.1\bin\java.exe "-javaagent:C:\Program Files\] 
  | | R----11
     R----61
After Deletion:
      R----61
Name:Nikita Singh
Roll No:-09
Batch:-IT-1
Process finished with exit code 0
```