Output result sample :

Option menu :

```
Red Black Tree Menu -
Enter your choice :
1:Insert
2:Delete
3:Traversal
4:Exit
|
```

Insert :

Sample 1 :

```
"D:\CSE207 DS\PROJECT\207_PROJECT.exe"

                           9(r)
                 8(b)
                           7(r)
        6(r)
                 5(b)
4(b)
                 3(r)
        2(b)
                 1(r)
Red Black Tree Menu -
Enter your choice :
1:Insert
2:Delete
3:Traversal
4:Exit
```

Sample 2

```
                                        26(r)
                          22(b)
               18(r)
                                        13(r)
                          11(b)
10(b)
                          8(b)
               7(r)
                                        6(r)
                          3(b)
                                        2(r)
Red Black Tree Menu -
Enter your choice :
1:Insert
2:Delete
3:Traversal
4:Exit
3
root is 10- b
Inorder tree traversal
 2-r  3-b  6-r  7-r  8-b  10-b  11-b  13-r  18-r  22-b  26-r
postorder tree traversal
 2-r  6-r  3-b  8-b  7-r  13-r  11-b  26-r  22-b  18-r  10-b
```

Sample 3 :

```
                                              26(r)
                               22(b)
                  18(r)
                                              13(r)
                               11(b)
   10(b)
                               8(b)
                  7(r)
                                              6(r)
                               3(b)
                                              2(r)
Red Black Tree Menu -
Enter your choice :
1:Insert
2:Delete
3:Traversal
4:Exit
```

Delete :

```
                                        26(r)
                        22(b)
            13(r)
                        11(b)
10(b)
                        8(b)
            7(r)
                                        6(r)
                        3(b)
                                        2(r)
Red Black Tree Menu -
Enter your choice :
1:Insert
2:Delete
3:Traversal
4:Exit
2
Enter the integer you want to delete : 11
```

Traverse :

```
                                26(r)
                    22(b)
          13(r)
                    11(b)
10(b)
                    8(b)
          7(r)
                                6(r)
                    3(b)
                                2(r)
Red Black Tree Menu -
Enter your choice :
1:Insert
2:Delete
3:Traversal
4:Exit
3
root is 10- b
Inorder tree traversal
 2-r  3-b  6-r  7-r  8-b  10-b  11-b  13-r  22-b  26-r
postorder tree traversal
 2-r  6-r  3-b  8-b  7-r  11-b  26-r  22-b  13-r  10-b
```