rmehitang@Ralphs-PC:/mnt/c/Users/ralph/Desktop/Comp-Sci/cosc-320/lab9$ ./a.out

-----------------

Operations on Red Black Tree

-----------------

1.Insert Element

2.Get Minimum

3.get Maximum

4.get Inorder Traversal

5.Search

6.Display

7.Get Successors

8.Quit

Enter your choice : 1

Enter the number to be inserted : 3

-----------------

Operations on Red Black Tree

-----------------

1.Insert Element

2.Get Minimum

3.get Maximum

4.get Inorder Traversal

5.Search

6.Display

7.Get Successors

8.Quit

Enter your choice : 1

Enter the number to be inserted : 4

-----------------

Operations on Red Black Tree

-----------------

1.Insert Element

2.Get Minimum

3.get Maximum

4.get Inorder Traversal

5.Search

6.Display

7.Get Successors

8.Quit

Enter your choice : 1

Enter the number to be inserted : 7

-----------------

Operations on Red Black Tree

-----------------

1.Insert Element

2.Get Minimum

3.get Maximum

4.get Inorder Traversal

5.Search

6.Display

7.Get Successors

8.Quit

Enter your choice : 1

Enter the number to be inserted : 9

-----------------

Operations on Red Black Tree

-----------------

1.Insert Element

2.Get Minimum

3.get Maximum

4.get Inorder Traversal

5.Search

6.Display

7.Get Successors

8.Quit

Enter your choice : 1

Enter the number to be inserted : 2

-----------------

Operations on Red Black Tree

-----------------

1.Insert Element

2.Get Minimum

3.get Maximum

4.get Inorder Traversal

5.Search

6.Display

7.Get Successors

8.Quit

Enter your choice : 1

Enter the number to be inserted : 4

-----------------

Operations on Red Black Tree

-----------------

1.Insert Element

2.Get Minimum

3.get Maximum

4.get Inorder Traversal

5.Search

6.Display

7.Get Successors

8.Quit

Enter your choice : 1

Enter the number to be inserted : 100

-----------------

Operations on Red Black Tree

-----------------

1.Insert Element

2.Get Minimum

3.get Maximum

4.get Inorder Traversal

5.Search

6.Display

7.Get Successors

8.Quit

Enter your choice : 1

Enter the number to be inserted : 22

-----------------

Operations on Red Black Tree

-----------------

1.Insert Element

2.Get Minimum

3.get Maximum

4.get Inorder Traversal

5.Search

6.Display

7.Get Successors

8.Quit

Enter your choice : 4

Inorder Traversal:

2 3 4 4 7 9 22 100

-----------------

Operations on Red Black Tree

-----------------

1.Insert Element

2.Get Minimum

3.get Maximum

4.get Inorder Traversal

5.Search

6.Display

7.Get Successors

8.Quit

Enter your choice : 2

Minimum Value of BST: 2

-----------------

Operations on Red Black Tree

-----------------

1.Insert Element

2.Get Minimum

3.get Maximum

4.get Inorder Traversal

5.Search

6.Display

7.Get Successors

8.Quit

Enter your choice : 3

Maximum value of BST: 100

-----------------

Operations on Red Black Tree

-----------------

1.Insert Element

2.Get Minimum

3.get Maximum

4.get Inorder Traversal

5.Search

6.Display

7.Get Successors

8.Quit

Enter your choice : 5

Enter search value:

100

The value is in the tree

-----------------

Operations on Red Black Tree

-----------------

1.Insert Element

2.Get Minimum

3.get Maximum

4.get Inorder Traversal

5.Search

6.Display

7.Get Successors

8.Quit

Enter your choice : 5

Enter search value:

0

The value is not in the tree

-----------------

Operations on Red Black Tree

-----------------

1.Insert Element

2.Get Minimum

3.get Maximum

4.get Inorder Traversal

5.Search

6.Display

7.Get Successors

8.Quit

Enter your choice : 5

Enter search value:

101

The value is not in the true

-----------------

Operations on Red Black Tree

-----------------

1.Insert Element

2.Get Minimum

3.get Maximum

4.get Inorder Traversal

5.Search

6.Display

7.Get Successors

8.Quit

Enter your choice : 6

printing RBTree

2 3 4 4 7 9 22 100

-----------------

Operations on Red Black Tree

-----------------

1.Insert Element

2.Get Minimum

3.get Maximum

4.get Inorder Traversal

5.Search

6.Display

7.Get Successors

8.Quit

Enter your choice : 8

Exiting program menu

rmehitang@Ralphs-PC:/mnt/c/Users/ralph/Desktop/Comp-Sci/cosc-320/lab9$