/\*

Output :

1. Enter a number

2. Display

3. Swap left and right nodes

4. Search

5. Exit 1

Enter the number 9

1. Enter a number

2. Display

3. Swap left and right nodes

4. Search

5. Exit 1

Enter the number 7

1. Enter a number

2. Display

3. Swap left and right nodes

4. Search

5. Exit 1

Enter the number 6

1. Enter a number

2. Display

3. Swap left and right nodes

4. Search

5. Exit 1

Enter the number 4

1. Enter a number

2. Display

3. Swap left and right nodes

4. Search

5. Exit 1

Enter the number 3

1. Enter a number

2. Display

3. Swap left and right nodes

4. Search

5. Exit 2

1. Display list

2. Show minimum number

3. show number of nodes in longest path 1

3

4

6

7

9

1. Enter a number

2. Display

3. Swap left and right nodes

4. Search

5. Exit 2

1. Display list

2. Show minimum number

3. show number of nodes in longest path 2

minimum number is 3

1. Enter a number

2. Display

3. Swap left and right nodes

4. Search

5. Exit 2

1. Display list

2. Show minimum number

3. show number of nodes in longest path 3

The height of the tree or the longest path is :5

1. Enter a number

2. Display

3. Swap left and right nodes

4. Search

5. Exit 4

Enter the word you want to search : 3

Number Found!

1. Enter a number

2. Display

3. Swap left and right nodes

4. Search

5. Exit 3

Swapped! The new list is : 9

7

6

4

3

1. Enter a number

2. Display

3. Swap left and right nodes

4. Search

5. Exit 5