

Enter marks for 5 subjects (between 0 and 100):

45

56

98

75

25

Average = 59.80

Passed

=== Code Execution Successful ===

Output

[Clear](#)

```
Enter 5 elements:
Enter element 1: 10
Enter element 2: 20
Enter element 3: 30
Enter element 4: 40
Enter element 5: 0

Array elements are:
10 20 30 40 0

--- MENU ---
1. Insertion
2. Deletion
3. Linear Search
4. Binary Search
5. Exit
Enter your choice: 1
Enter the value to insert: 60
After Insertion:
10 20 30 40 0 60

--- MENU ---
1. Insertion
2. Deletion
3. Linear Search
4. Binary Search
5. Exit
Enter your choice: |
```

Output

Stack operations menu:

1. Push
2. Pop
3. Peek

Enter your choice: 1

Enter value to push: 5

5 pushed into stack

Stack operations menu:

1. Push
2. Pop
3. Peek

Enter your choice: 3

Top element is: 5

Stack operations menu:

1. Push
2. Pop
3. Peek

Enter your choice: 1

Enter value to push: 2

2 pushed into stack

Stack operations menu:

1. Push
2. Pop
3. Peek

Enter your choice: |

Output

Enter 5 values to create initial list:

1

2

3

4

5

1 -> 2 -> 3 -> 4 -> 5 -> NULL

Enter value to add at first position: 0

0 -> 1 -> 2 -> 3 -> 4 -> 5 -> NULL

Enter value after which to add new node: 3

Enter new node value: 99

0 -> 1 -> 2 -> 3 -> 99 -> 4 -> 5 -> NULL

Enter value to add at last position: 100

0 -> 1 -> 2 -> 3 -> 99 -> 4 -> 5 -> 100 -> NULL

Enter value to delete: 3

0 -> 1 -> 2 -> 99 -> 4 -> 5 -> 100 -> NULL

=== Code Execution Successful ===

Output

```
Enter the number of elements:
```

```
5
```

```
Enter 5 elements:
```

```
9 5 7 6 3
```

```
Sorted array: 3 5 6 7 9
```