

## Sample Output for ADT Stack Using Single Linked List

\*\*\* Menu for Stack operations \*\*\*

1.PUSH (insert)

2.POP (remove)

3.DISPLAY

4.EXIT

Enter Choice:1

Enter an item to be pushed:10

Pushed Sucesfully

\*\*\* Menu for Stack operations \*\*\*

1.PUSH (insert)

2.POP (remove)

3.DISPLAY

4.EXIT

Enter Choice:1

Enter an item to be pushed:11

Pushed Sucesfully

\*\*\* Menu for Stack operations \*\*\*

1.PUSH (insert)

2.POP (remove)

3.DISPLAY

4.EXIT

Enter Choice:1

Enter an item to be pushed:12

Pushed Sucesfully

\*\*\* Menu for Stack operations \*\*\*

1.PUSH (insert)

2.POP (remove)

3.DISPLAY

4.EXIT

Enter Choice:1

Enter an item to be pushed:13

Pushed Sucesfully

\*\*\* Menu for Stack operations \*\*\*

1.PUSH (insert)

2.POP (remove)

3.DISPLAY

4.EXIT

Enter Choice:1

Enter an item to be pushed:14

Pushed Sucesfully

\*\*\* Menu for Stack operations \*\*\*

```
1.PUSH (insert)
2.POP (remove)
3.DISPLAY
4.EXIT
Enter Choice:1
Enter an item to be pushed:15
```

Pushed Sucesfully

\*\*\* Menu for Stack operations \*\*\*

```
1.PUSH (insert)
2.POP (remove)
3.DISPLAY
4.EXIT
Enter Choice:1
Enter an item to be pushed:16
```

Pushed Sucesfully

\*\*\* Menu for Stack operations \*\*\*

```
1.PUSH (insert)
2.POP (remove)
3.DISPLAY
4.EXIT
Enter Choice:1
Enter an item to be pushed:17
```

Pushed Sucesfully

\*\*\* Menu for Stack operations \*\*\*

```
1.PUSH (insert)
2.POP (remove)
3.DISPLAY
4.EXIT
Enter Choice:3
```

Elements in the Stack are

|17|

|16|

|15|

|14|

|13|

|12|

|11|

|10|

\*\*\* Menu for Stack operations \*\*\*

- 1.PUSH (insert)
- 2.POP (remove)
- 3.DISPLAY
- 4.EXIT

Enter Choice:2

17 is popped Sucesfully

\*\*\* Menu for Stack operations \*\*\*

- 1.PUSH (insert)
- 2.POP (remove)
- 3.DISPLAY
- 4.EXIT

Enter Choice:2

16 is popped Sucesfully

\*\*\* Menu for Stack operations \*\*\*

- 1.PUSH (insert)
- 2.POP (remove)
- 3.DISPLAY
- 4.EXIT

Enter Choice:2

15 is popped Sucesfully

\*\*\* Menu for Stack operations \*\*\*

- 1.PUSH (insert)
- 2.POP (remove)
- 3.DISPLAY
- 4.EXIT

Enter Choice:2

14 is popped Sucesfully

\*\*\* Menu for Stack operations \*\*\*

- 1.PUSH (insert)
- 2.POP (remove)
- 3.DISPLAY
- 4.EXIT

Enter Choice:3

Elements in the Stack are

|13|

|12|

|11|

|10|

\*\*\* Menu for Stack operations \*\*\*

- 1.PUSH (insert)
- 2.POP (remove)
- 3.DISPLAY
- 4.EXIT

Enter Choice: