```
1: Push
2: Pop
3: Display
4: EXIT
Enter your choice:1

Enter the item to be inserted:50

1: Push
2: Pop
3: Display
4: EXIT
Enter your choice:1

Enter the item to be inserted:60

1: Push
2: Pop
3: Display
4: EXIT
Enter your choice:1

Enter the item to be inserted:70

1: Push
2: Pop
3: Display
4: EXIT
Enter your choice:1
```

Activate V

```
Enter the item to be inserted:80

1: Push
2: Pop
3: Display
4: EXIT
Enter your choice:1

Enter the item to be inserted:90

1: Push
2: Pop
3: Display
4: EXIT
Enter your choice:1

Enter the item to be inserted:100

STACK OVERFLOW

1: Push
2: Pop
3: Display
4: EXIT
Enter your choice:3
The contents fo the stack are:
50
60
70
80
```

```
50
60
70
80
90

1: Push
2: Pop
3: Display
4: EXIT
Enter your choice:2

The item deleted is 90

1: Push
2: Pop
3: Display
4: EXIT
Enter your choice:2

The item deleted is 80

1: Push
2: Pop
3: Display
4: EXIT
Enter your choice:2

The item deleted is 70

1: Push
```

```
4: EXIT
Enter your choice:2

The item deleted is 70

1: Push
2: Pop
3: Display
4: EXIT
Enter your choice:2

The item deleted is 60

1: Push
2: Pop
3: Display
4: EXIT
Enter your choice:2

The item deleted is 50

1: Push
2: Pop
3: Display
4: EXIT
Enter your choice:2

Stack is empty

1: Push
2: Pop
```