```
1 Push
2 Pop
 3 Display
 4 Exit
Enter the choice:1
Enter the element to be pushed in:1
 1 Push
 2 Pop
 3 Display
 4 Exit
Enter the choice:1
Enter the element to be pushed in:2
1 Push
2 Pop
 3 Display
 4 Exit
Enter the choice:3
2
1
 1 Push
 2 Pop
 3 Display
 4 Exit
Enter the choice:2
Enter the element to be popped out:2
```

```
1 Push
2 Pop
3 Display
4 Exit
Enter the choice:2
Enter the element to be popped out:1

1 Push
2 Pop
3 Display
4 Exit
Enter the choice:2
Stack is underflowing..
```