```
1. Push
2. Pop
Display
4. End
Enter your choice: 1
Enter value to be inserted: 10
Insertion successful
MENU:
1. Push
2. Pop
3. Display
4. End
Enter your choice: 1
Enter value to be inserted: 12
Insertion successful
MENU:
1. Push
2. Pop
3. Display
4. End
                                                        1. Push
                                                       2. Pop
3. Display
                                                        4. End
                                                       Enter your choice: 2
Enter your choice: 1
                                                        Deleted: 12
                                                        MENU:
Enter value to be inserted: 13
                                                        1. Push
                                                        2. Pop
                                                        3. Display
Insertion successful
                                                        4. End
MENU:
                                                        Enter your choice: 3
1. Push
2. Pop
                                                       Stack elements are:
Display
                                                       10
4. End
Enter your choice: 3
                                                       MENU:
                                                        1. Push
Stack elements are:
                                                       2. Pop
3. Display
13
12
10
                                                        4. End
                                                       Enter your choice: 2
                                                       Deleted: 10
MENU:
                                                        MENU:
1. Push
                                                        1. Push
2. Pop
                                                        2. Pop
3. Display
                                                        3. Display
4. End
                                                        4. End
Enter your choice: 2
                                                        Enter your choice: 3
Deleted: 13
                                                       Stack is empty
```

MENU: