```
PS C:\Users\student\Desktop\Deepak> & 'c:'
dqh' '--stdout=Microsoft-MIEngine-Out-mkqx
.exe' '--interpreter=mi'
                                                  2.Pop
Stack Menu
                                                  3.Peek
1.Push
                                                  4.display
 2.Pop
                                                  5.Exit
3.Peek
4.display
5.Exit
Enter your choice:1
                                                 9
Enter the value to push: 4
value 4 pushed successfully
                                                 8
Stack Menu
                                                 4
 1.Push
                                                 Stack Menu
2.Pop
                                                 1.Push
3.Peek
                                                 2.Pop
4.display
                                                  3.Peek
5.Exit
                                                  4.display
Enter your choice:1
                                                  5.Exit
Enter the value to push: 8
value 8 pushed successfully
Stack Menu
                                                  1.Push
1.Push
                                                 2.Pop
 2.Pop
                                                  3.Peek
3.Peek
                                                  4.display
4.display
                                                  5.Exit
5.Exit
Enter your choice:1
Enter the value to push: 3
                                                  1.Push
value 3 pushed successfully
                                                 2.Pop
Stack Menu
                                                  3.Peek
 1.Push
                                                  4.display
2.Pop
                                                  5.Exit
3.Peek
4.display
5.Exit
                                                  1.Push
Enter your choice:1
                                                  2.Pop
Enter the value to push: 9
                                                 3.Peek
value 9 pushed successfully
                                                 4.display
Stack Menu
                                                  5.Exit
1.Push
2.Pop
3.Peek
                                                 Stack Menu
4.display
                                                 1.Push
5.Exit
                                                  2.Pop
Enter your choice:1
                                                  3.Peek
Enter the value to push: 6
                                                 4.display
value 6 pushed successfully
                                                  5.Exit
Stack Menu
 1.Push
 2.Pop
3.Peek
4.display
```

5.Exit

```
Enter your choice:1
Enter the value to push: 3
Stack overflow! cannot push value 3Stack Menu
Enter your choice:4
Elements in Stack:
Enter your choice:2
Poped value:6Stack Menu
Enter your choice:2
Poped value:9Stack Menu
Enter your choice:2
Poped value:3Stack Menu
Enter your choice:3
Top ELement:8
Enter your choice:2
Poped value:8Stack Menu
```

```
Poped value:8Stack Menu
 1.Push
 2.Pop
 3.Peek
 4.display
 5.Exit
Enter your choice:2
Poped value:4Stack Menu
 1.Push
 2.Pop
 3.Peek
 4.display
 5.Exit
Enter your choice:2
Stack Underflow! Cannot pop from an empty stack
Stack Menu
 1.Push
 2.Pop
 3.Peek
 4.display
 5.Exit
Enter your choice:5
```