OUTPUT

Enter the number of elements in the stack:5

1.Push
2.Pop
3.Show
4.Exit
Enter your choice:1
Enter the value:1

1.Push
2.Pop
3.Show
4.Exit
Enter your choice:1
Enter the value:4

1.Push
2.Pop
3.Show
4.Exit
Enter your choice:1
Enter the value:7

1.Push
2.Pop
3.Show
4.Exit
Enter your choice:1
Enter the value:8

1.Push
2.Pop
3.Show
4.Exit
Enter your choice:1
Enter the value:5

1.Push
2.Pop
3.Show
4.Exit
Enter your choice:1

Overflow

1.Push
2.Pop
3.Show
4.Exit
Enter your choice:2

1.Push
2.Pop
3.Show
4.Exit
Enter your choice:3

Stack is
8
7
4
1

1.Push
2.Pop
3.Show
4.Exit
Enter your choice:1
Enter the value:9

1.Push
2.Pop
3.Show
4.Exit
Enter your choice:3

Stack is
9
8
7
4
1

1.Push
2.Pop
3.Show
4.Exit
Enter your choice:4

(program exited with code: 4)
Press return to continue