

11
10
9
8
7
6
5
4
3
2
1
0

Top.

Top = -1.

Stack

1

```
cout<<"Enter the No of
Elements in stack\n";
cin>>n;
while(choice!=4)
{
    .
    .
    .
}
```

Main.

2

```
while(choice!=4)
{
    .
    .
    .
    cout<<"Enter your
    choice\n";
    cin>>choice;
}
```

Main.

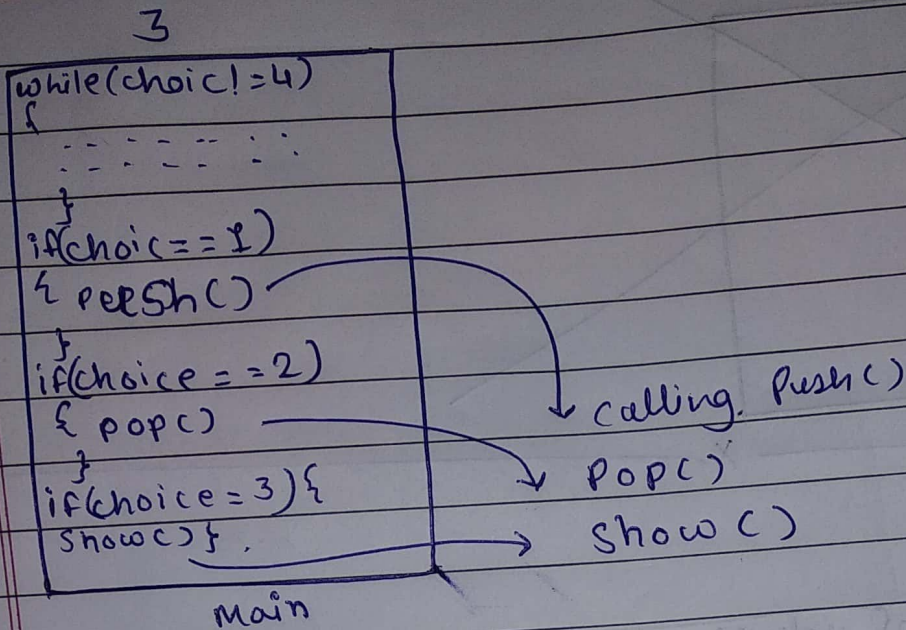
→ n = No of Elements in stack.
choosing the options

1 = Push()

2 = Pop()

3 = Show()

4 = Exit.



(4) Compiler Mind for (push())

No of Elements in stack
3
Enter the choice
1
Enter the value
2
Enter the choice = 1
1
Enter the value
5

Pop()

4

3

Poped after ←

1+1 Top → 2

0+1 = Top → 1

Top → 0

-1+1=0

stack

Push() operation.

if(choice == 1) { push(); }

top == n
overflow.
{
top = top + 1

push

Show (5)

Enter the choice
3
7
5
2

show()

if(choice == 3) if(choice ==

{ show

Pop (6)

Enter the choice
2
Enter the choice
3
5
2

Pop()

Pop()

Top = 2 so pop

Enter the no of values

3

enter the choice

1

enter the element in stack

2

→ ----- 1

enter the ----- in stack.

5

→ ----- 1

7

enter the choice (3)

7

5

2

enter the choice (2)

5

2



final output.