

10 Homework

Your program will implement a stack menu just as the same as Lab 8. But this time you'll implement it by using a **linked list** (Other methods (using arrays etc.) won't be accepted).

According to the user choice program will

1. Push an integer.
2. Pop an integer.
3. Display the whole stack
4. Exit

Example

```
STACK OPERATION
-----
1  -->  PUSH
2  -->  POP
3  -->  DISPLAY
4  -->  EXIT
-----
Enter your choice
1
Enter the element to be pushed
6
-----
1  -->  PUSH
2  -->  POP
3  -->  DISPLAY
4  -->  EXIT
-----
Enter your choice
1
Enter the element to be pushed
8
-----
1  -->  PUSH
2  -->  POP
3  -->  DISPLAY
4  -->  EXIT
-----
Enter your choice
3
The status of the stack is
8
6
```

Linked List Illustration

