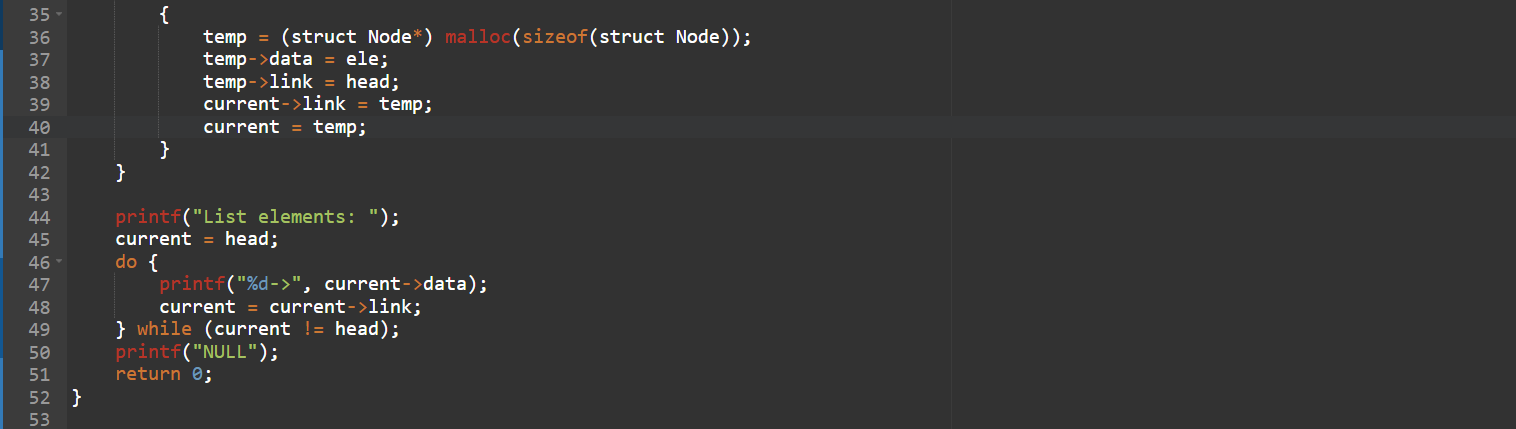
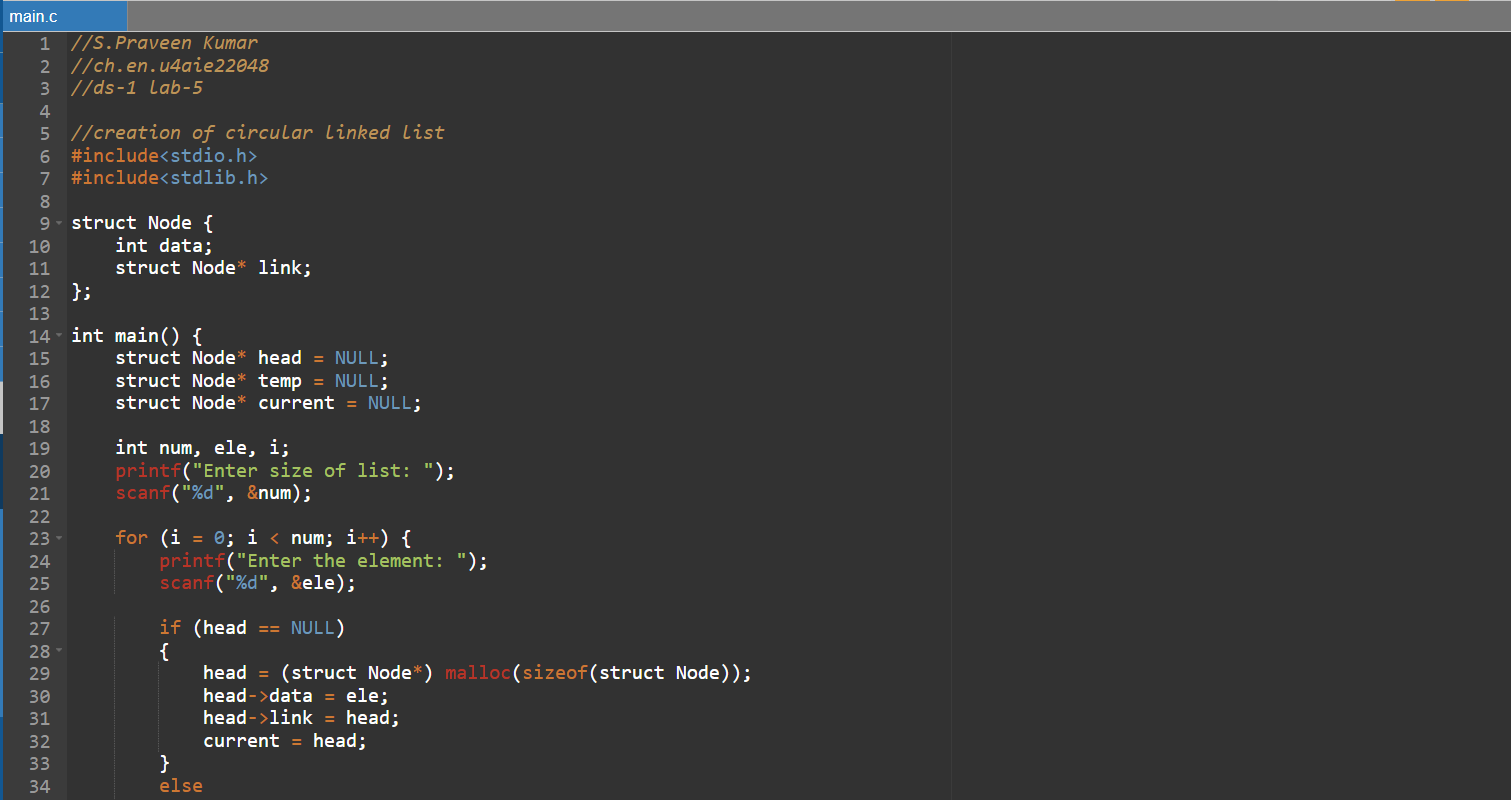
DATA STRUCTURE – 1

LAB-5

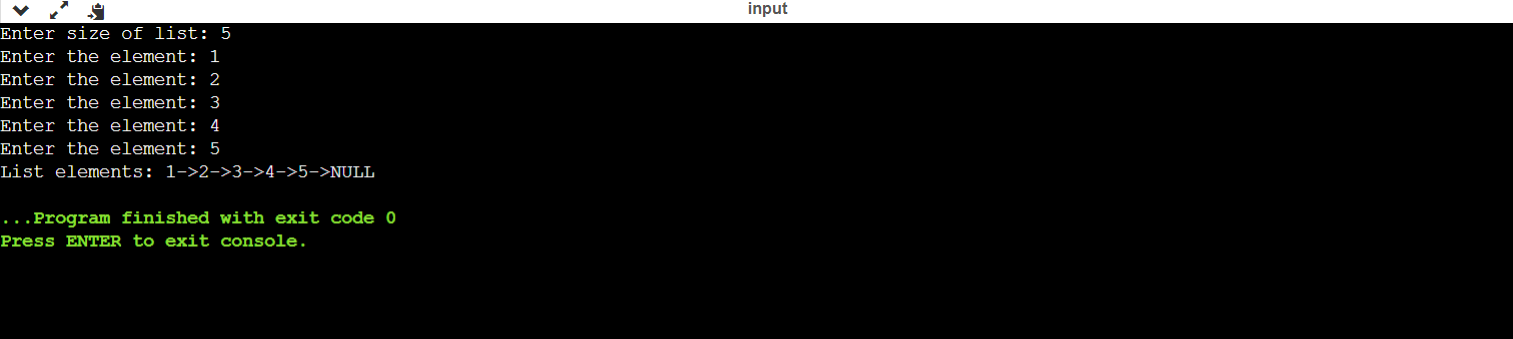
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**Creation of circular linked list:**

Program:

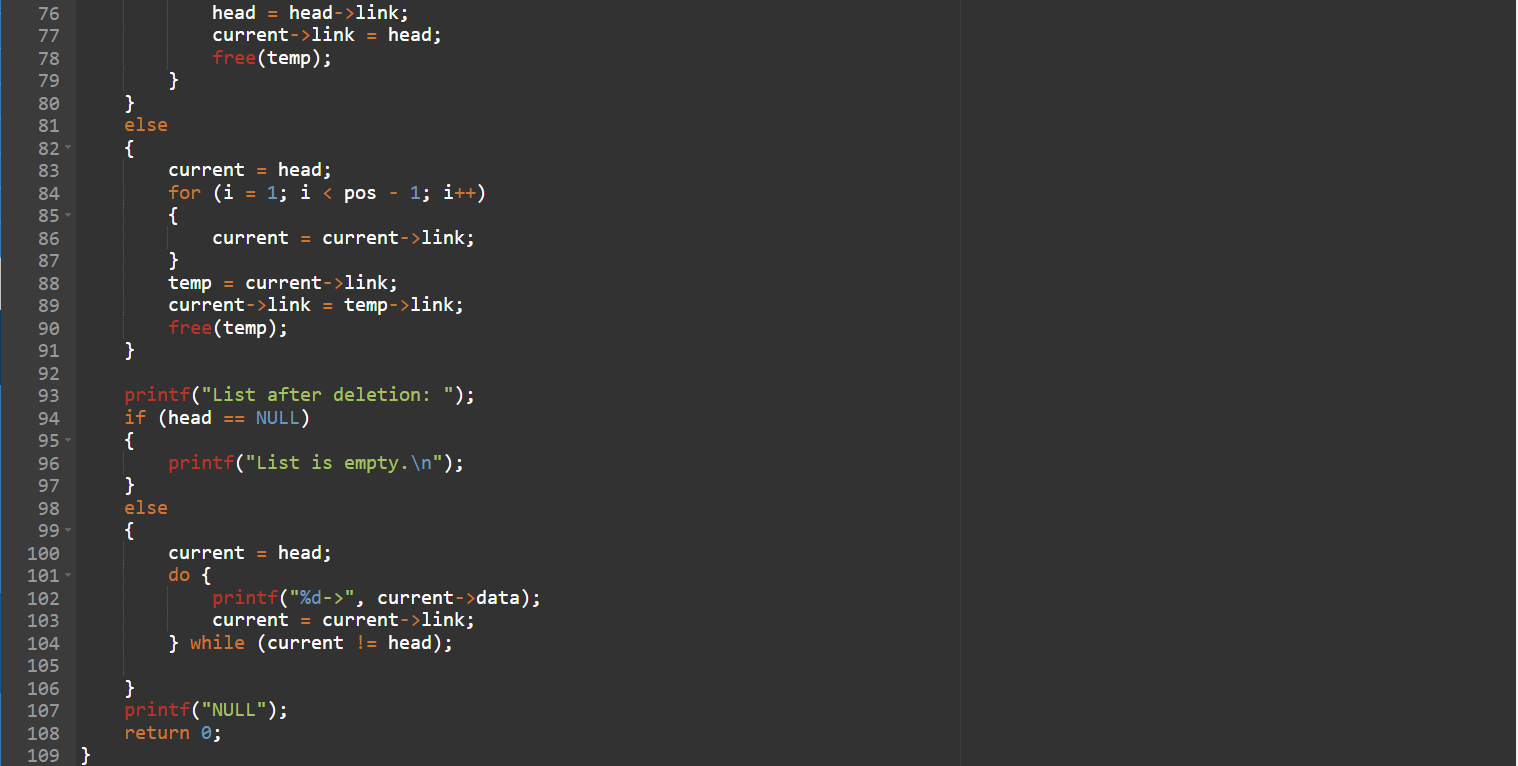
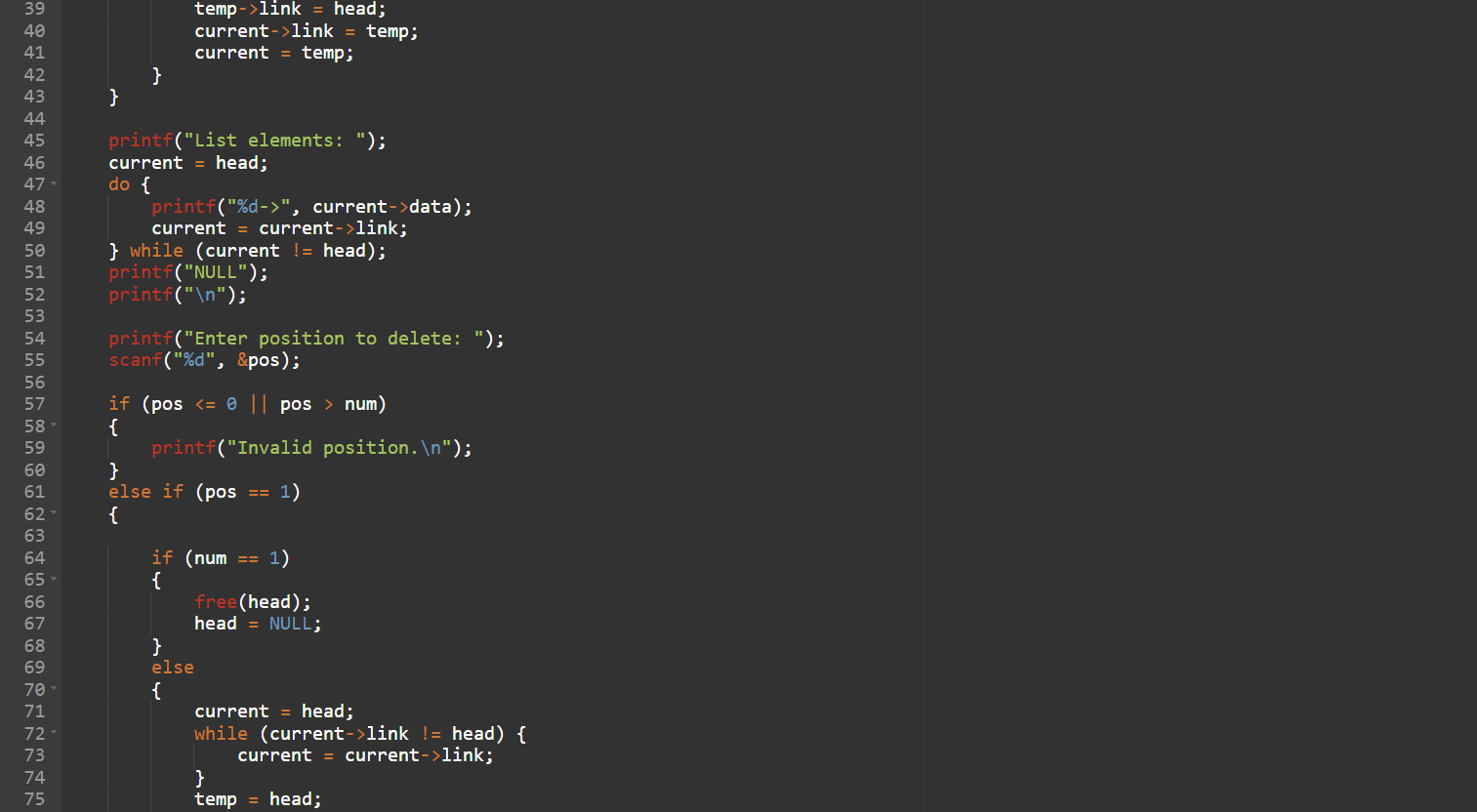
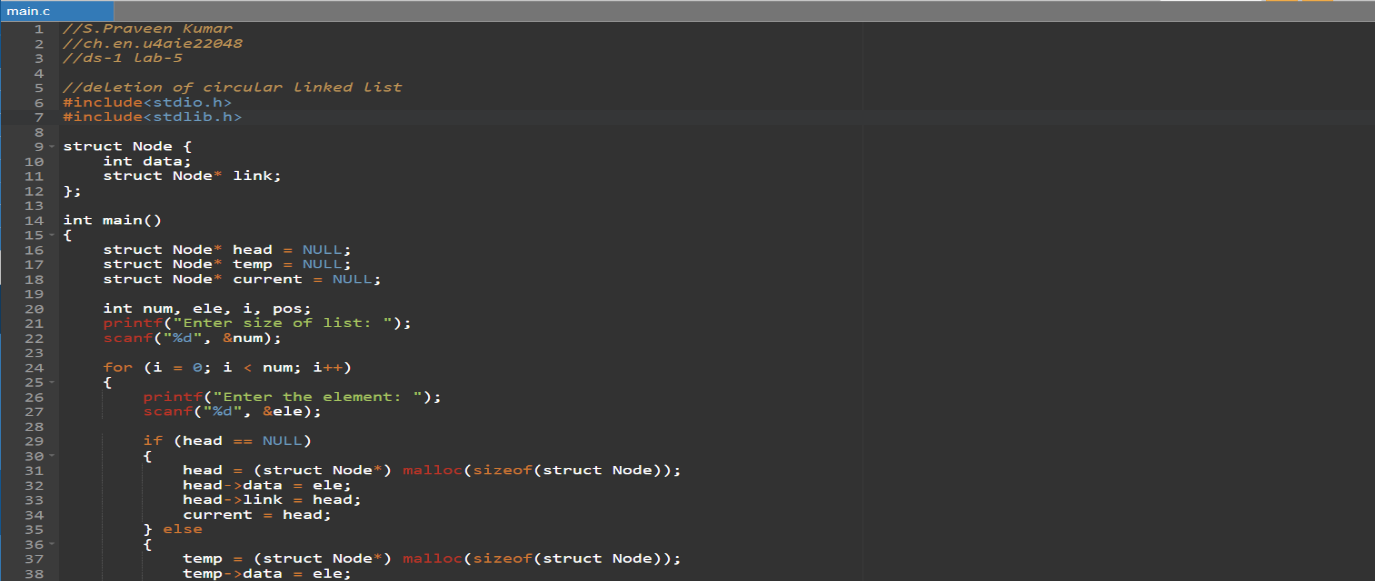


Output:

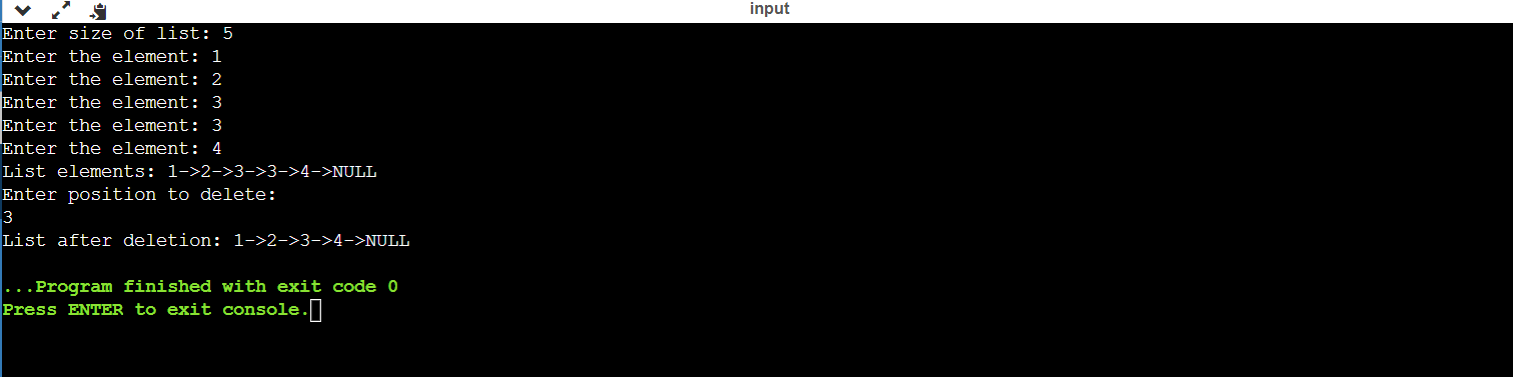


**Deletion of circular linked list:**

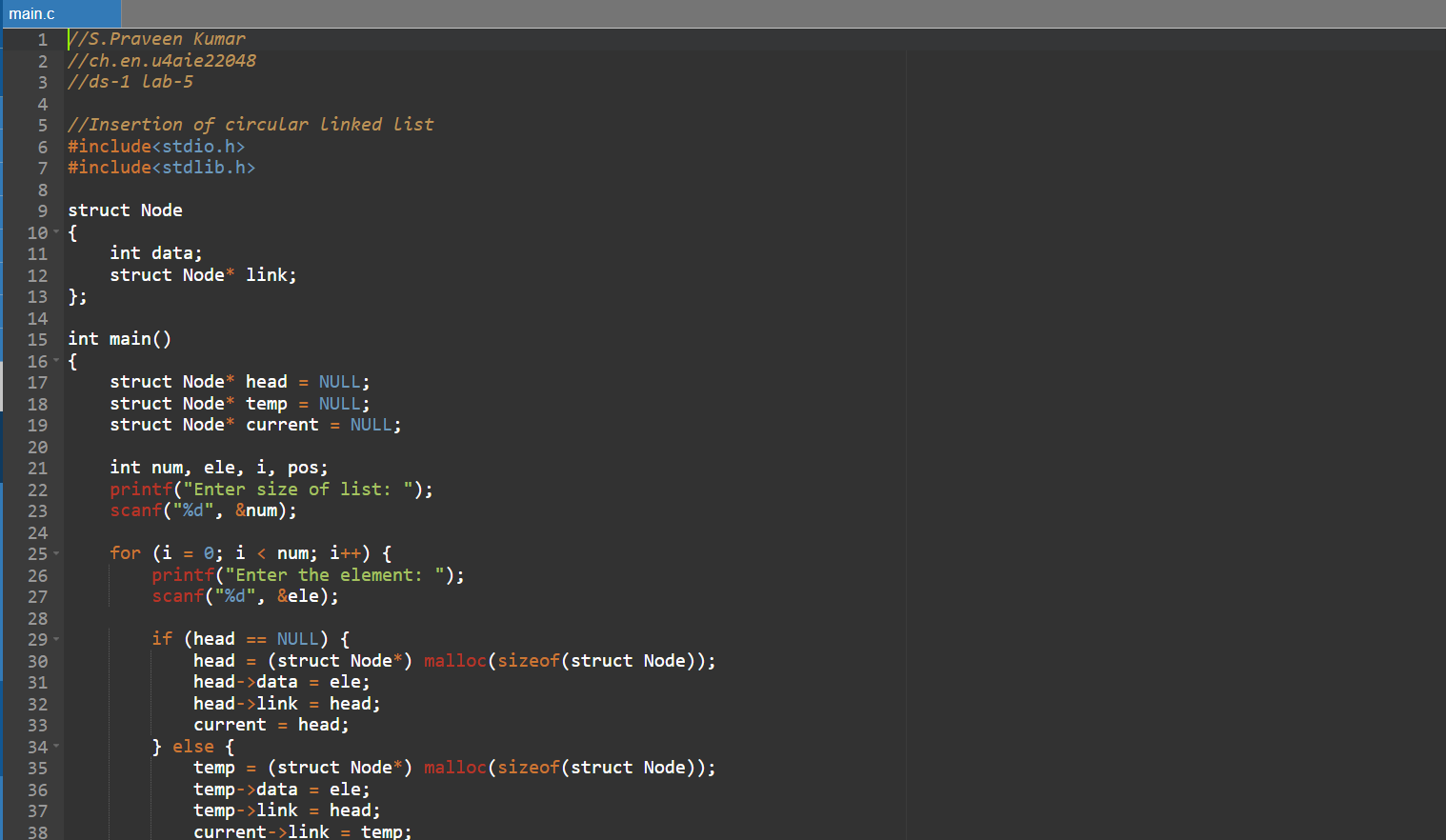
Program:

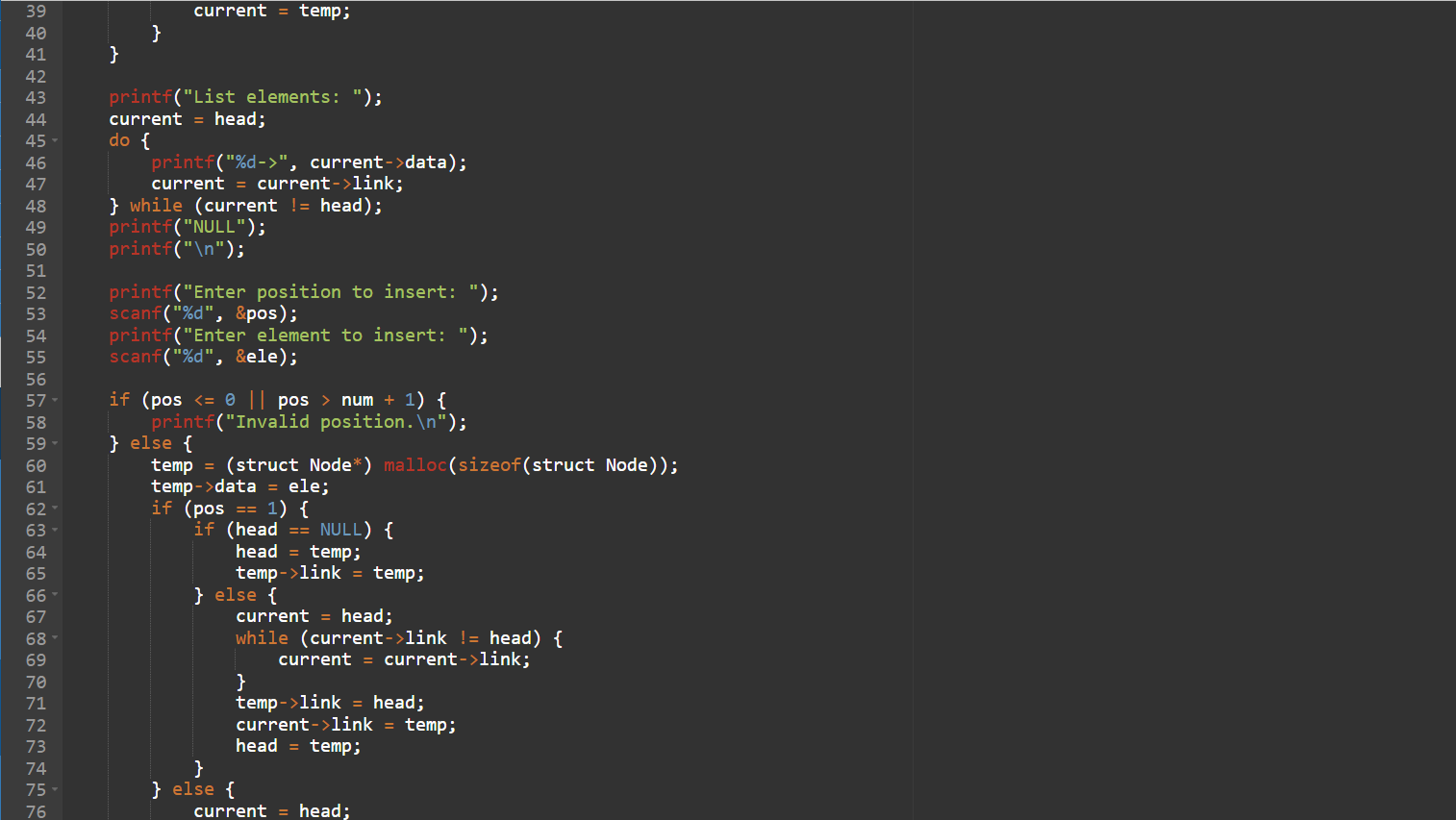


Output:



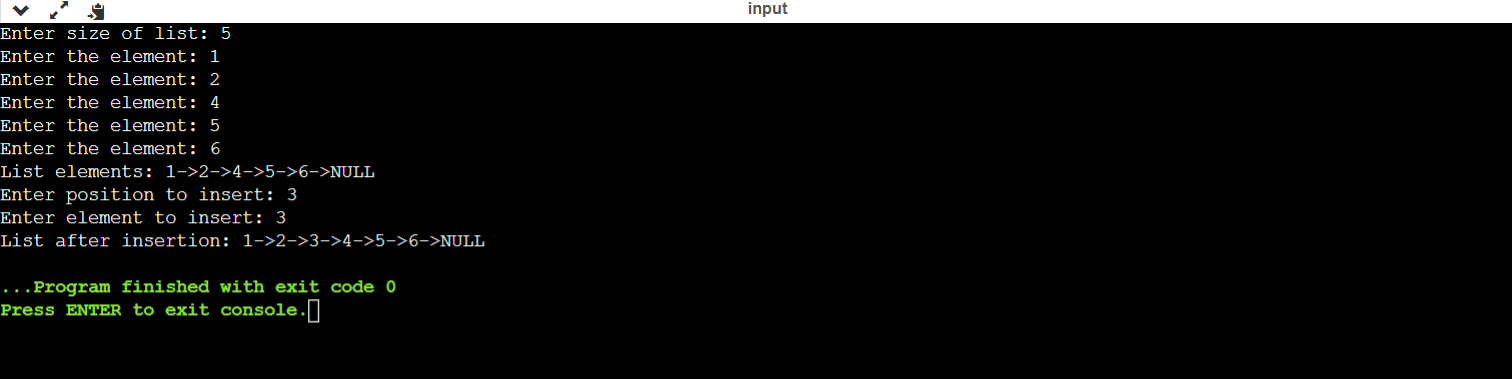
**Insertion of circular linked list:**

Program: 

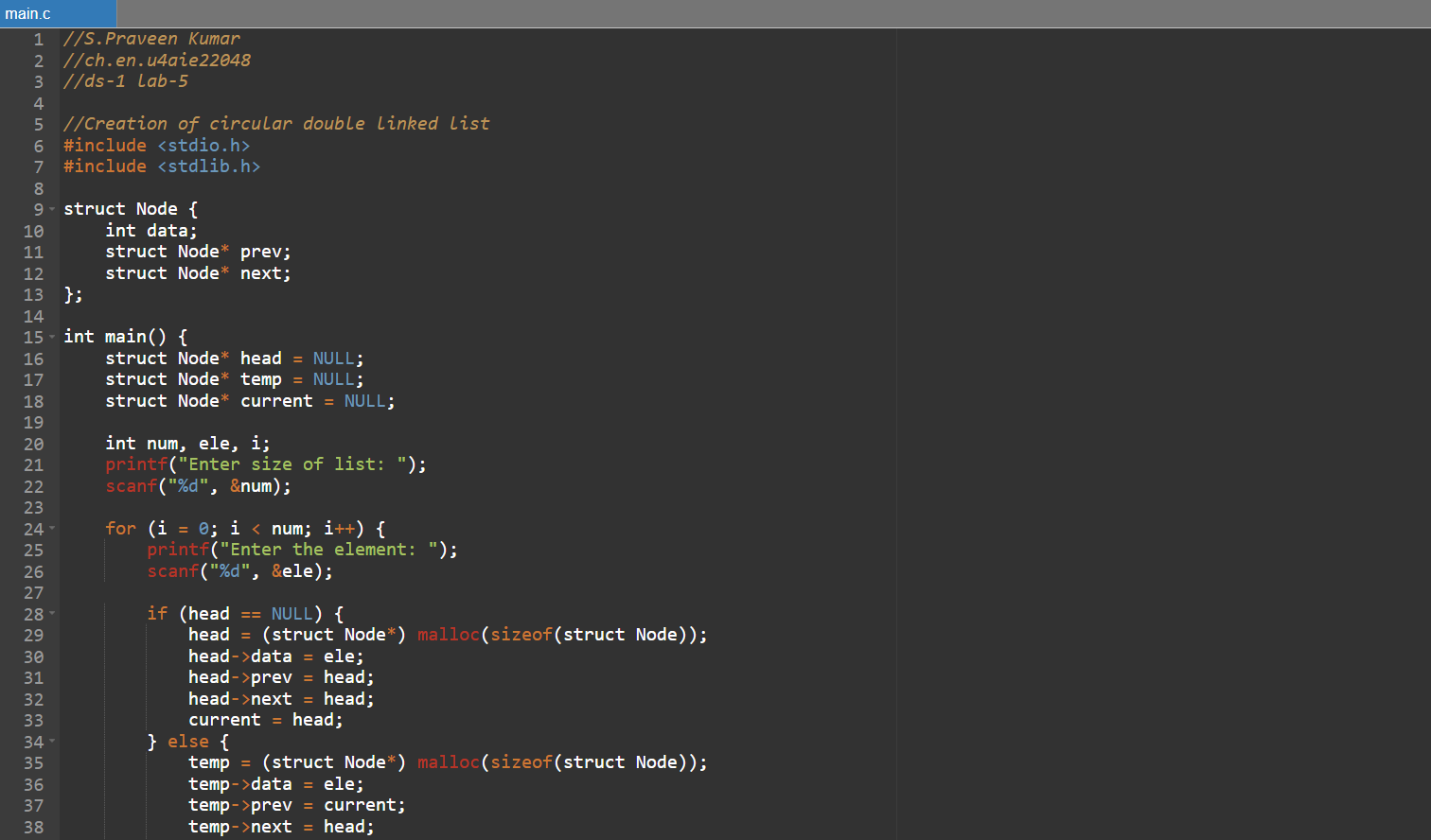


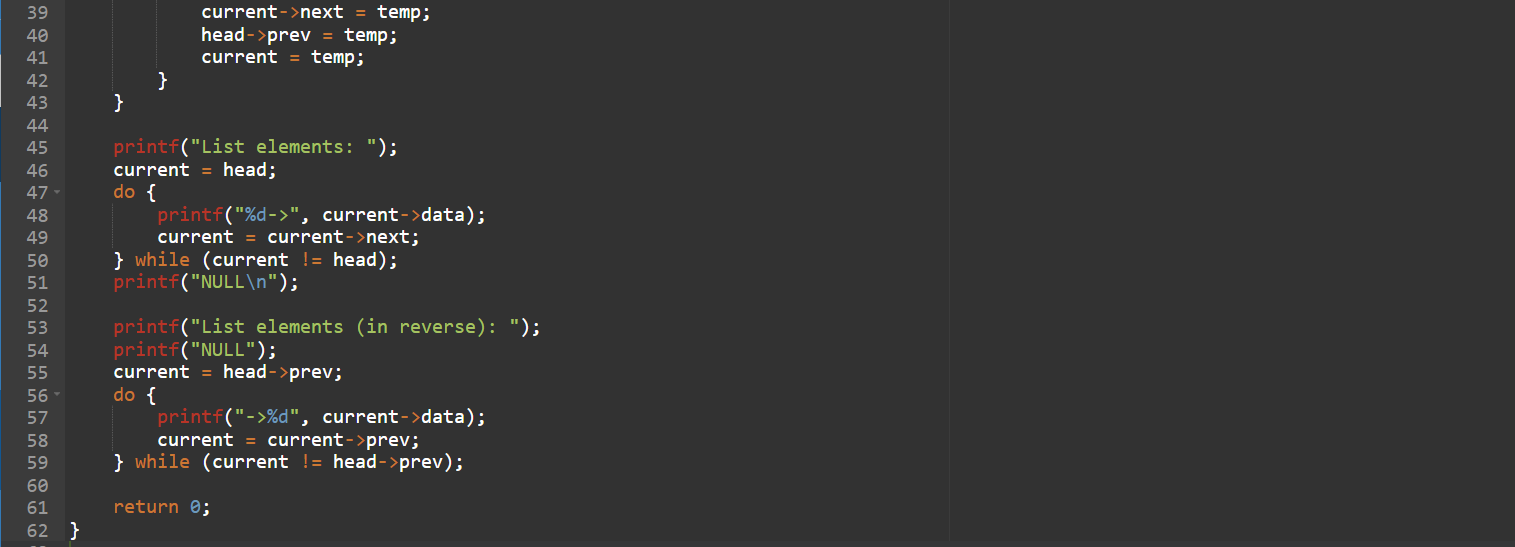


Output:

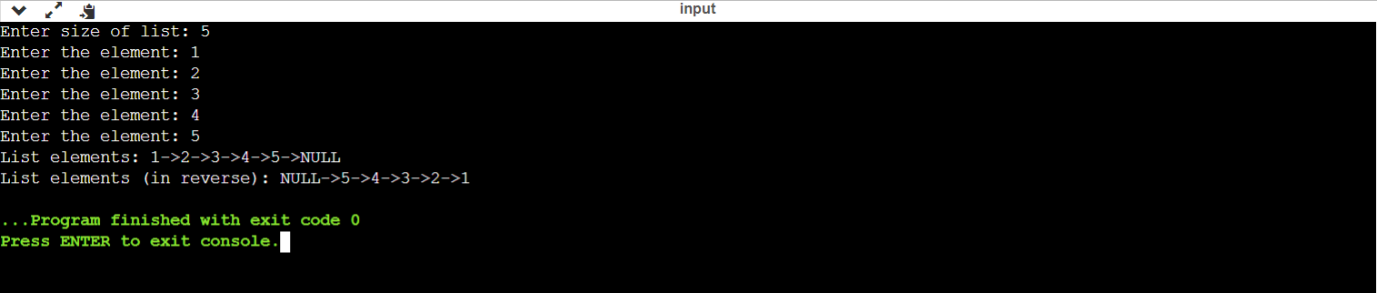


**Creation of circular double linked list:**

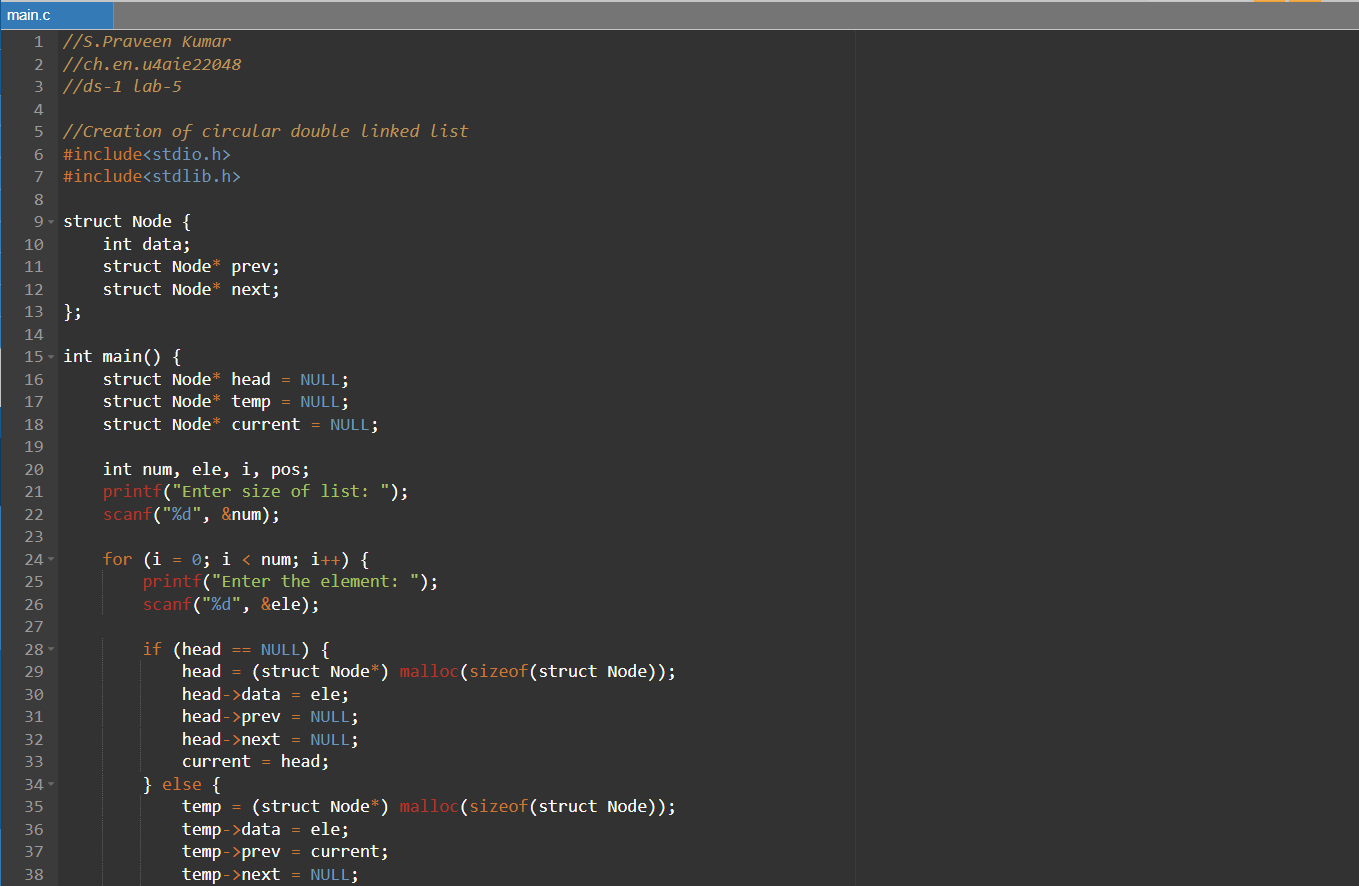
Program: 

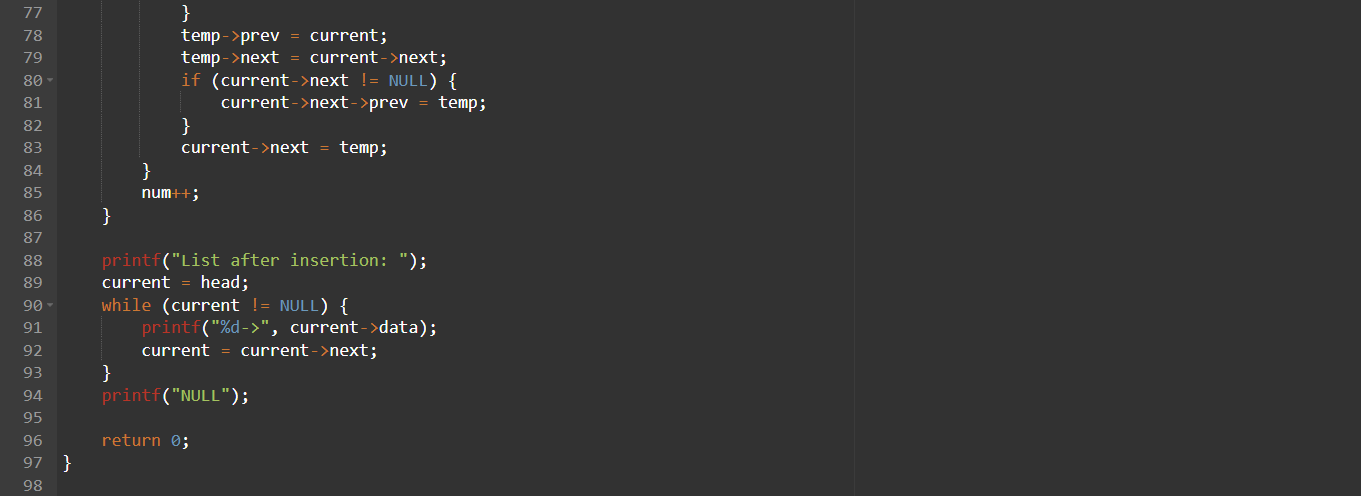
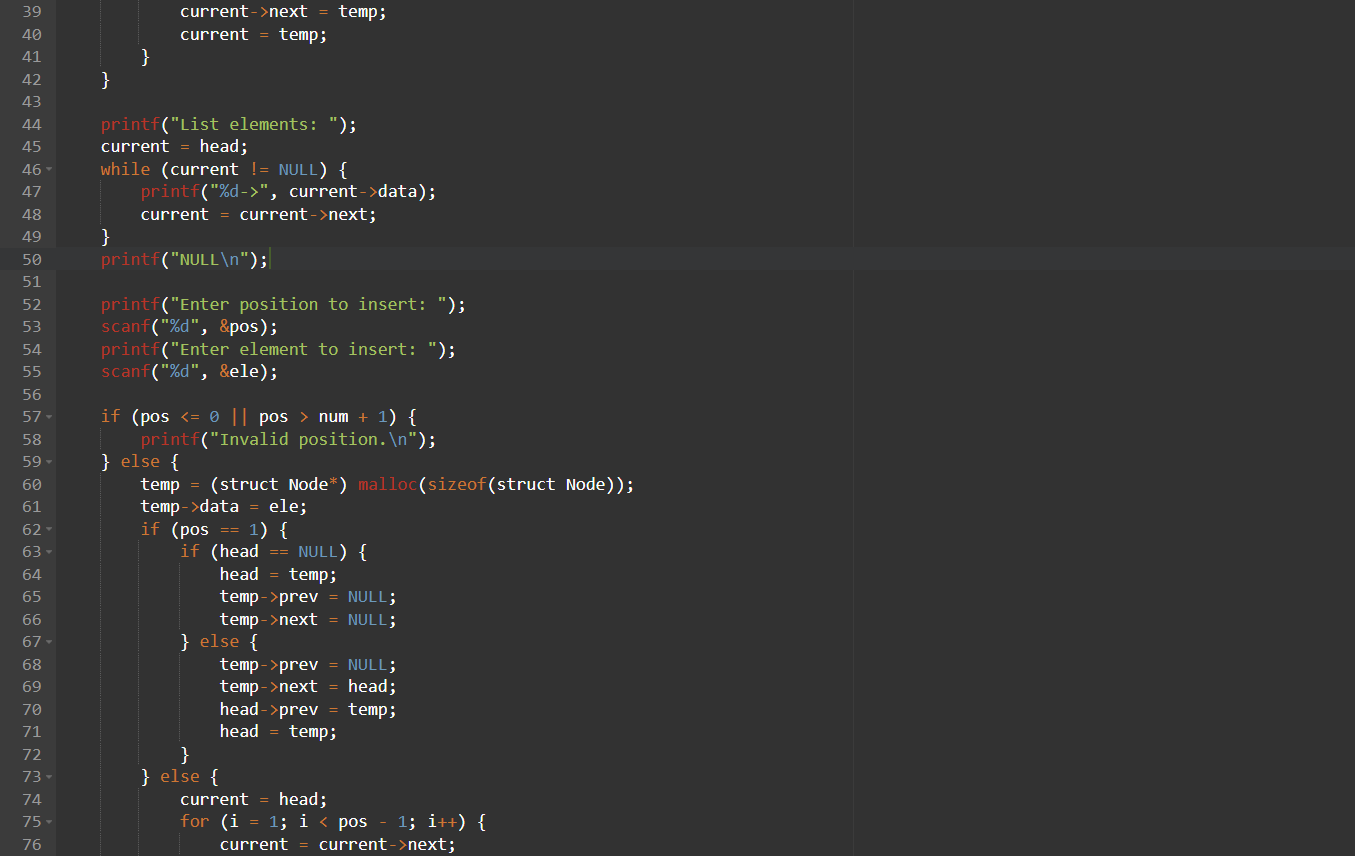


Output:

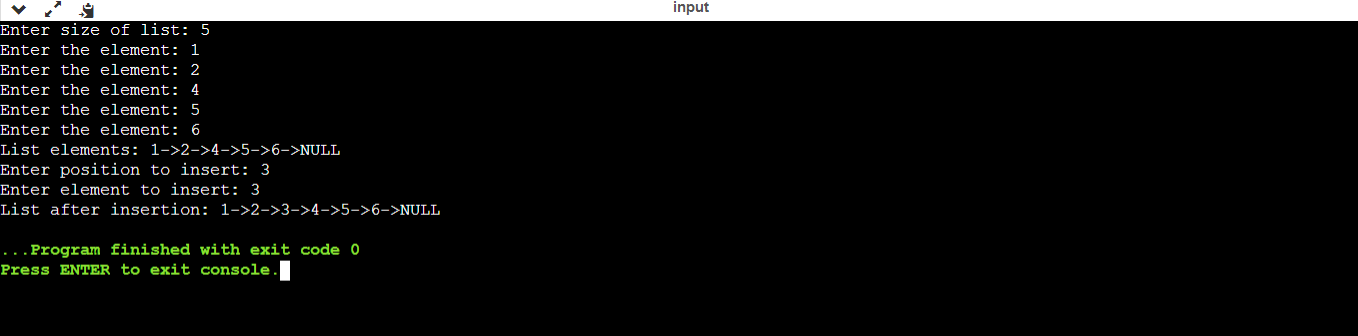


**Insertion of circular double linked list:**

Program: 

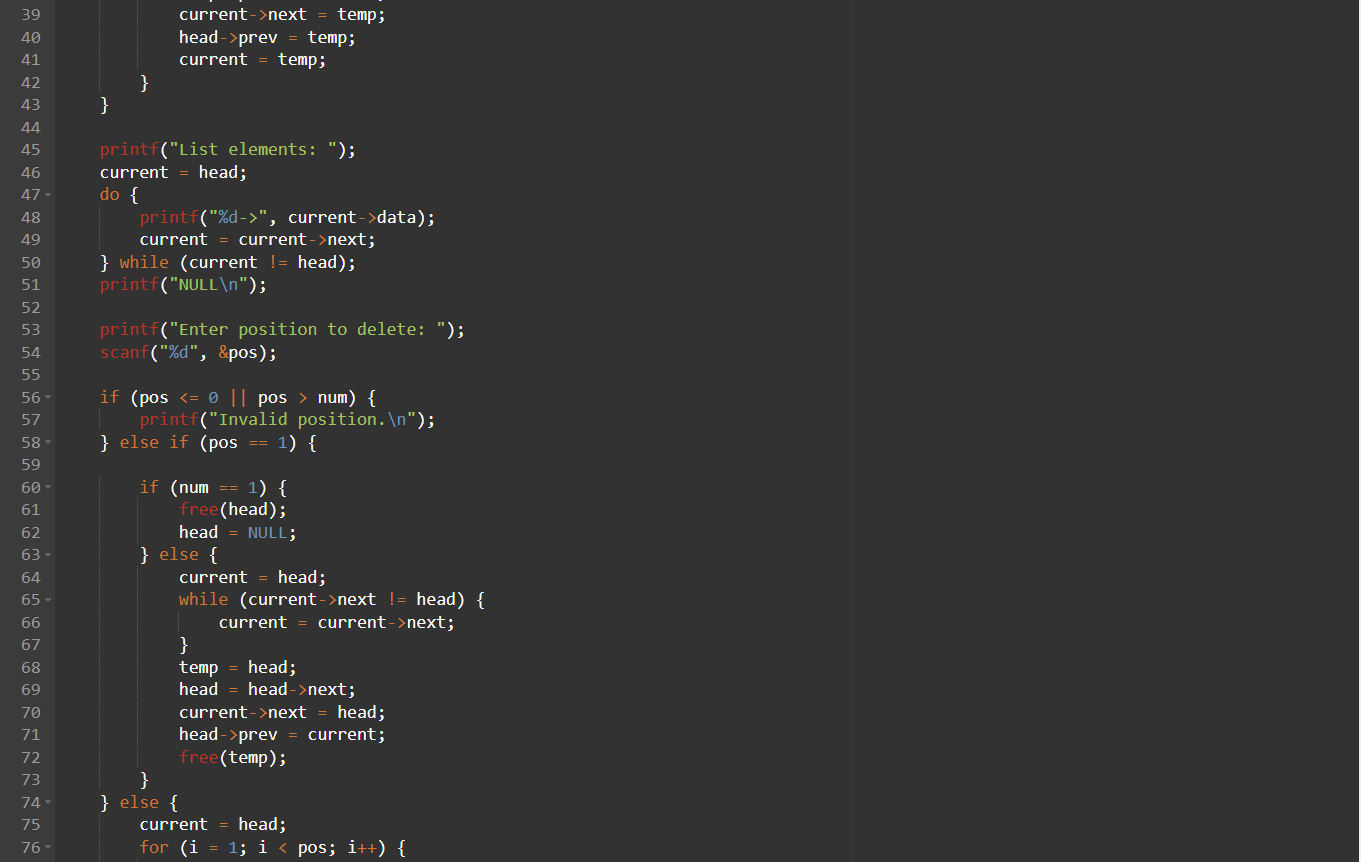
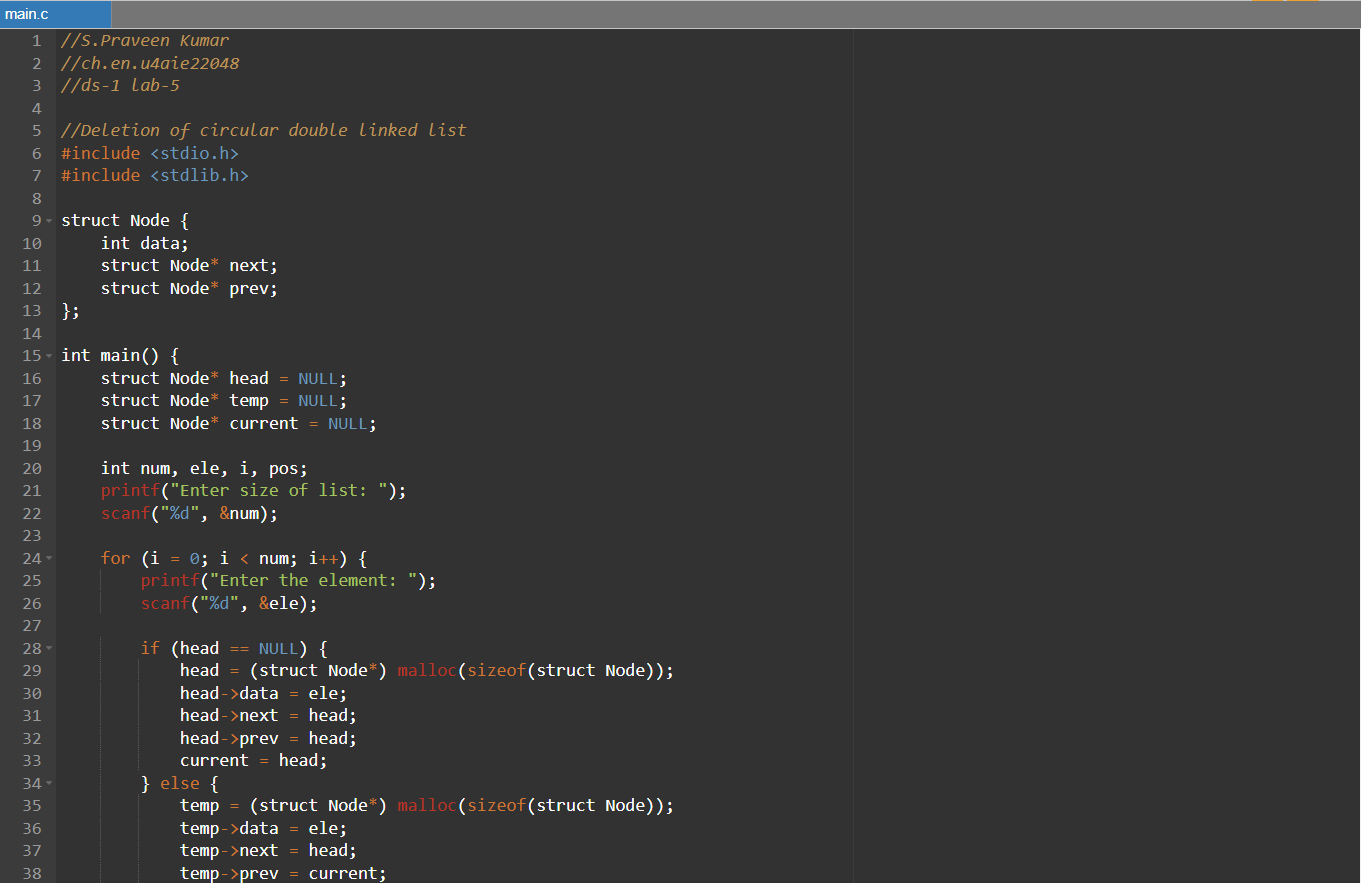


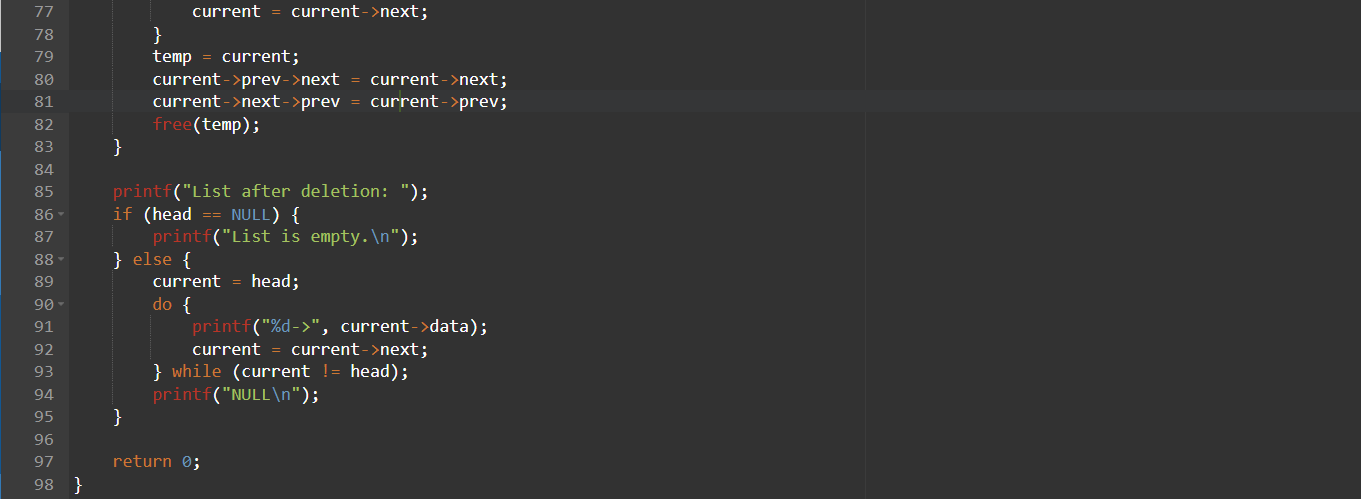
Output:



**Deletion of circular double linked list:**

Program:





Output:



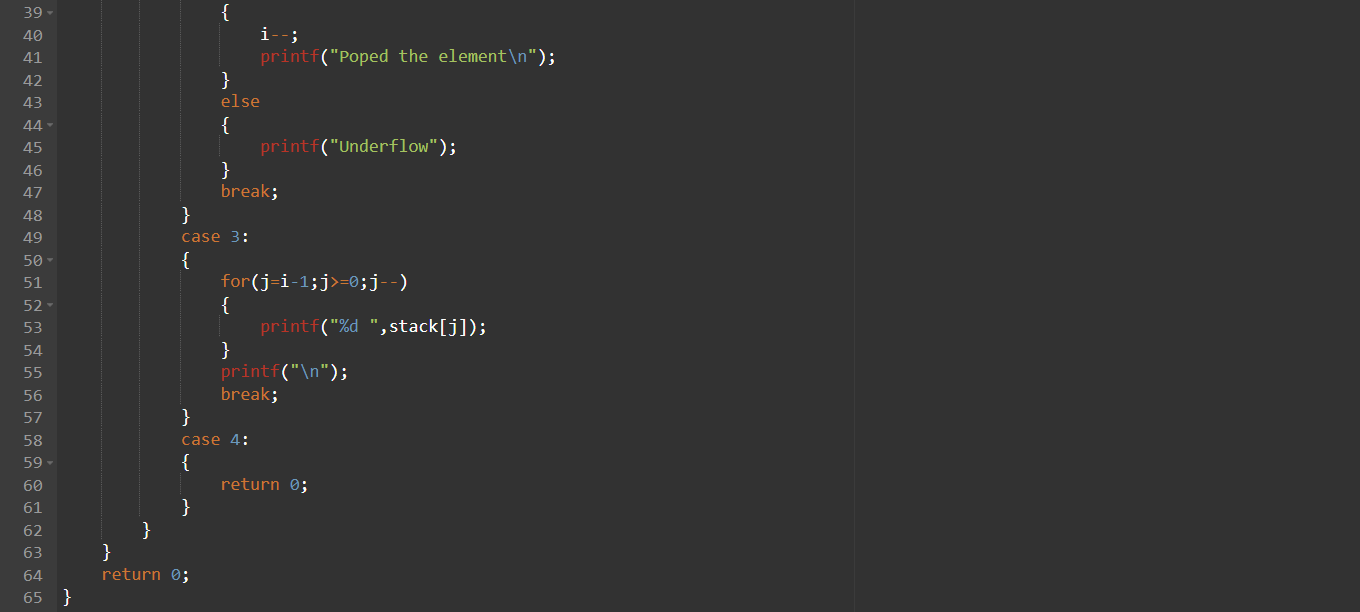
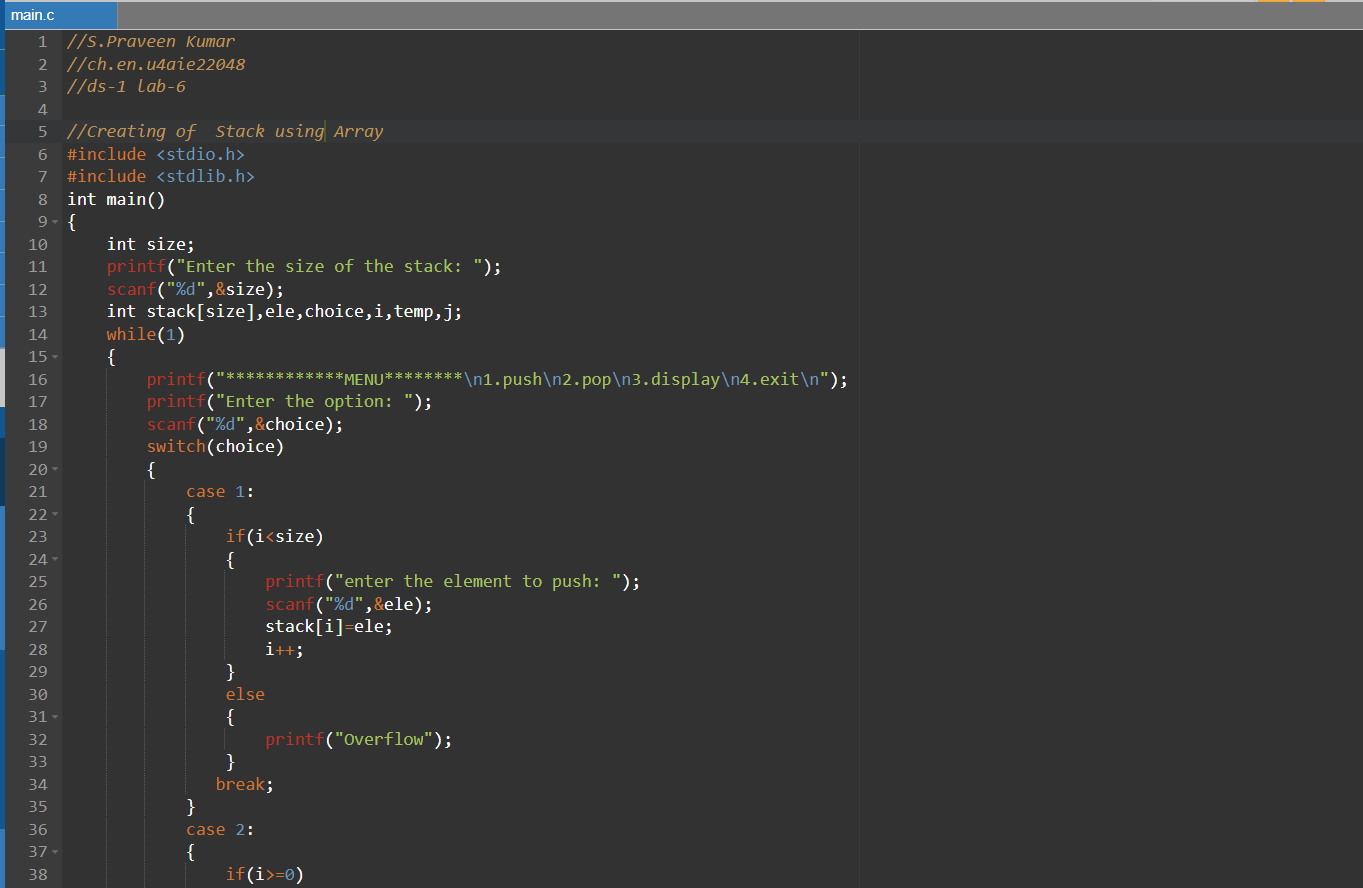
DATA STRUCTURE – 1

LAB-6

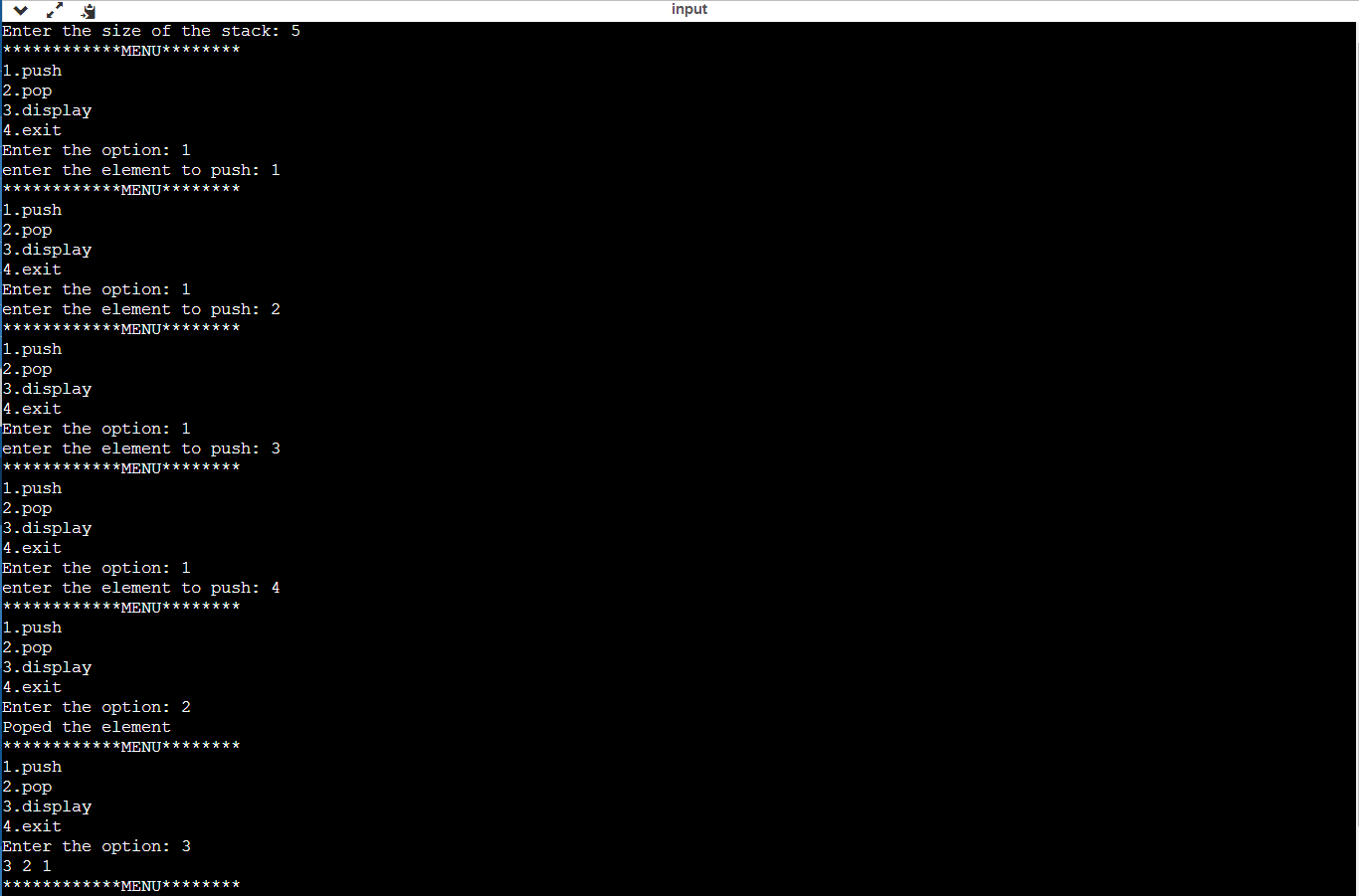
S.Praveen kumar ch.en.u4aie22048

**Creation of stack using Array:**

Program:

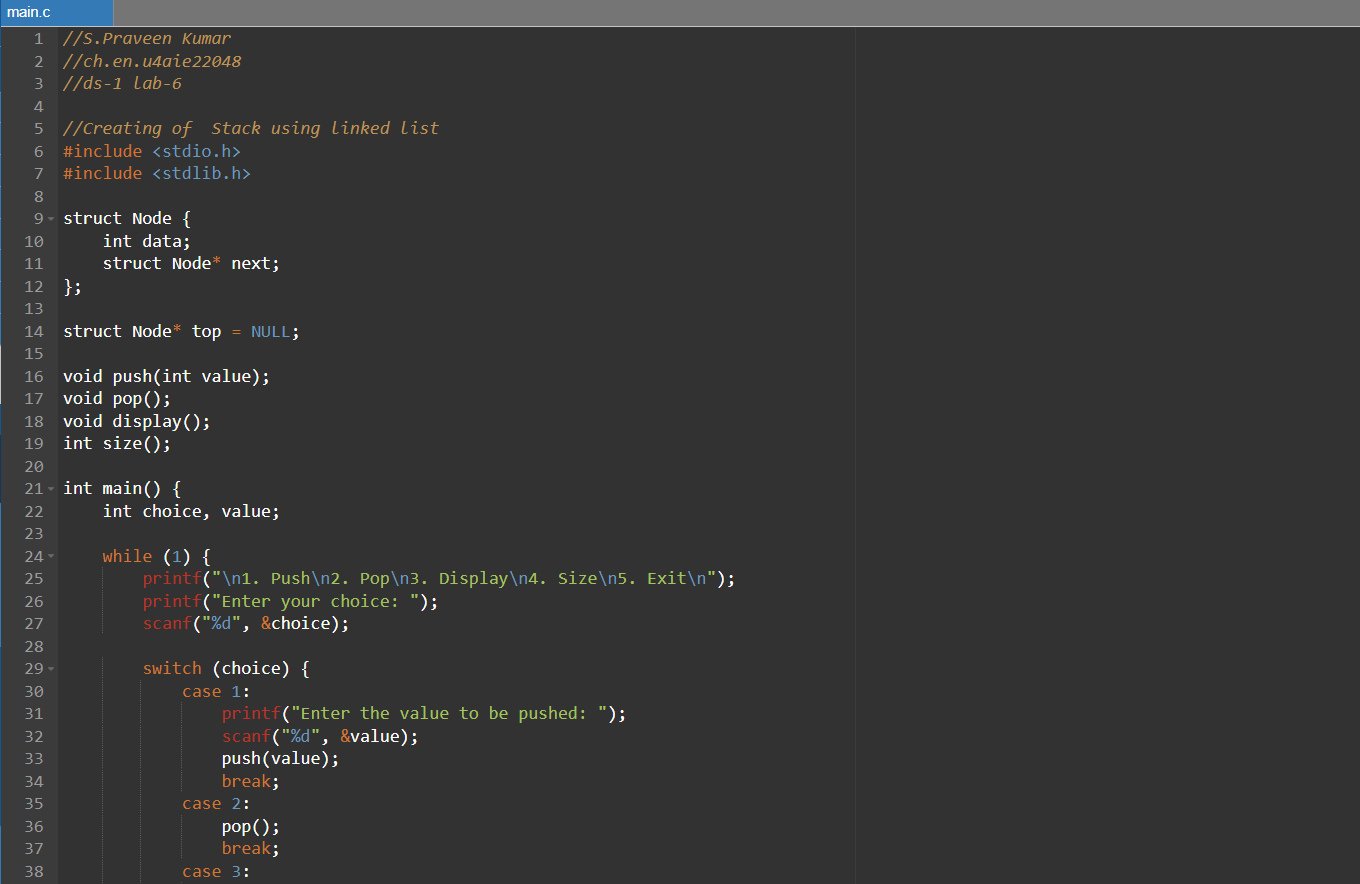


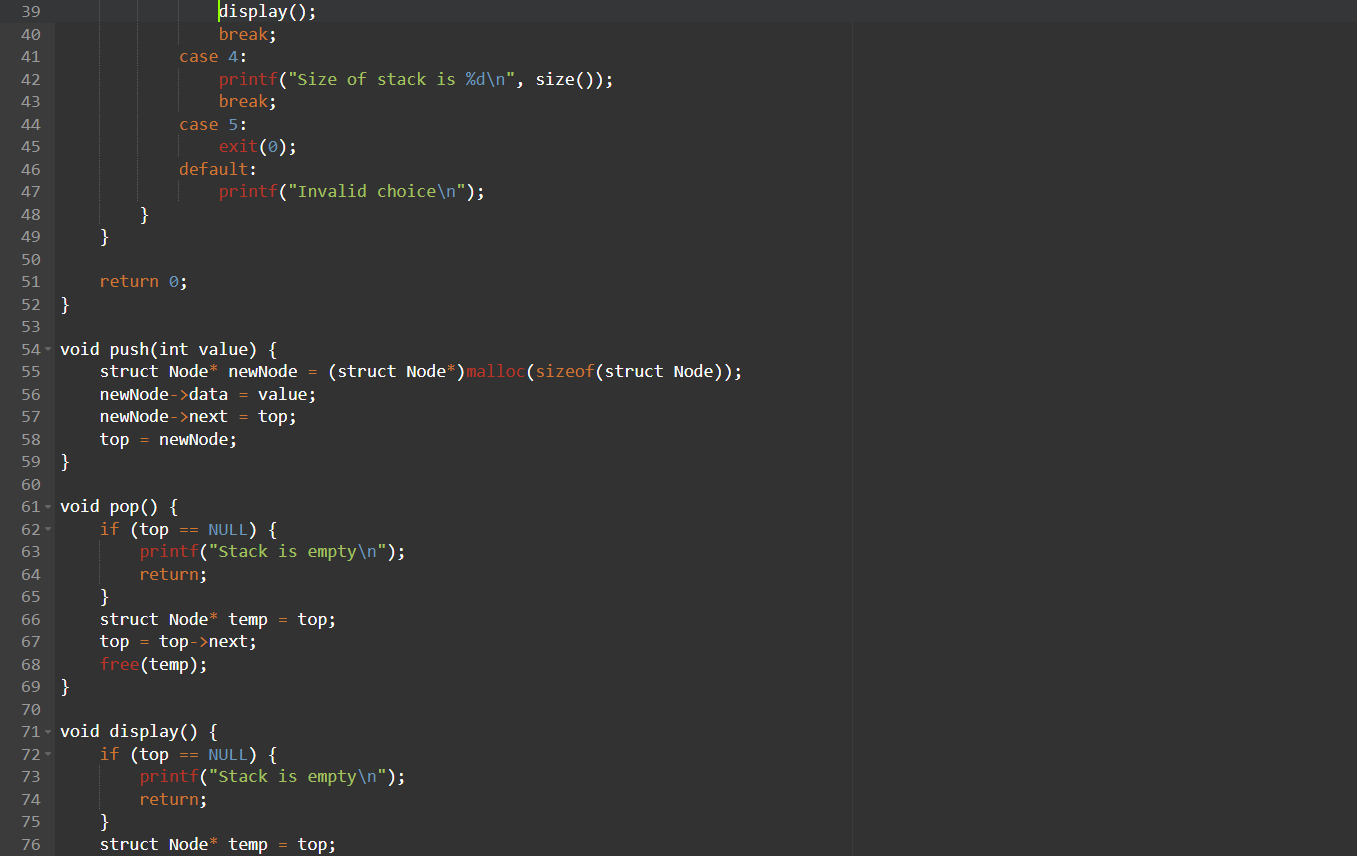
Output:



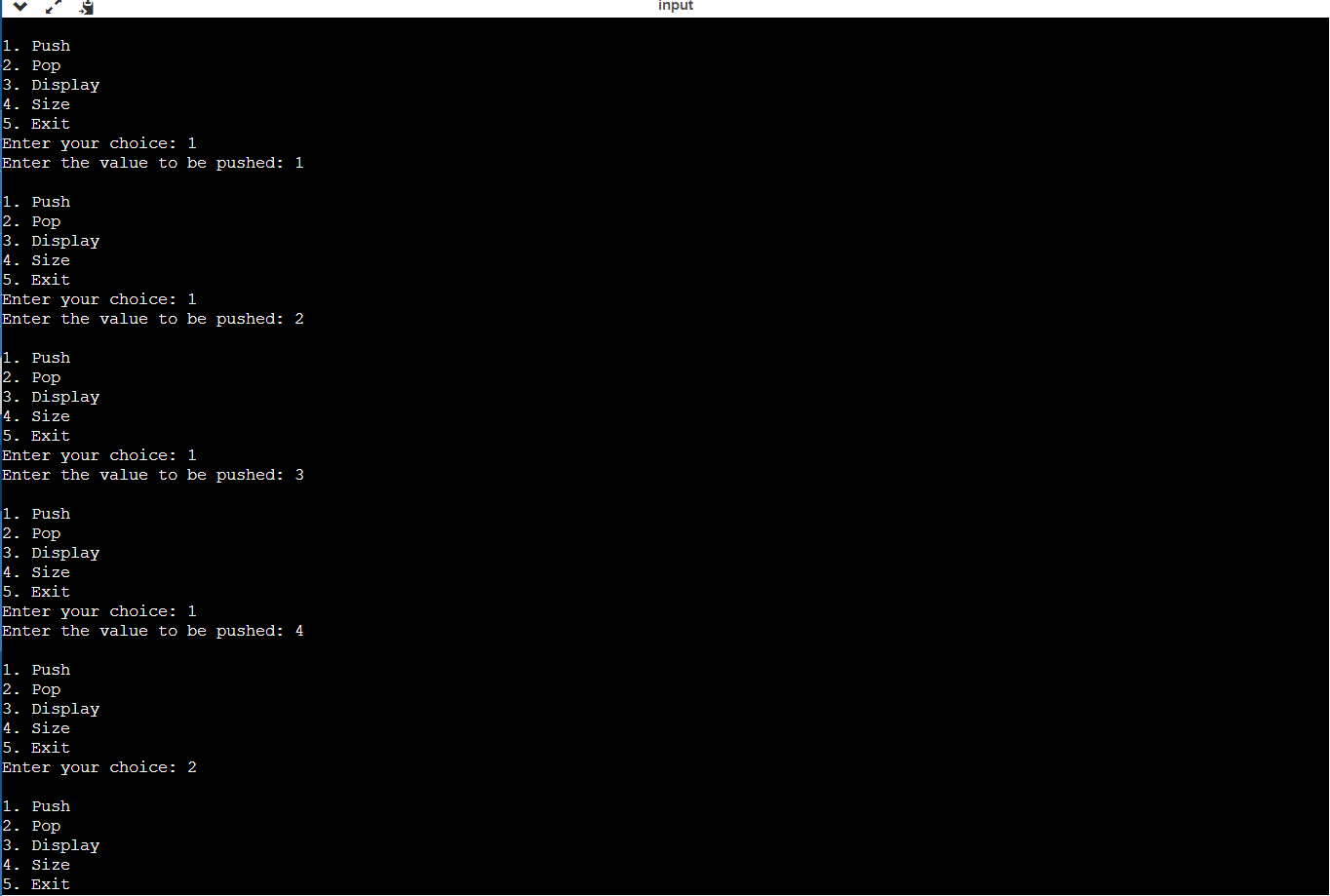
**Creation of Stack using linked list:**

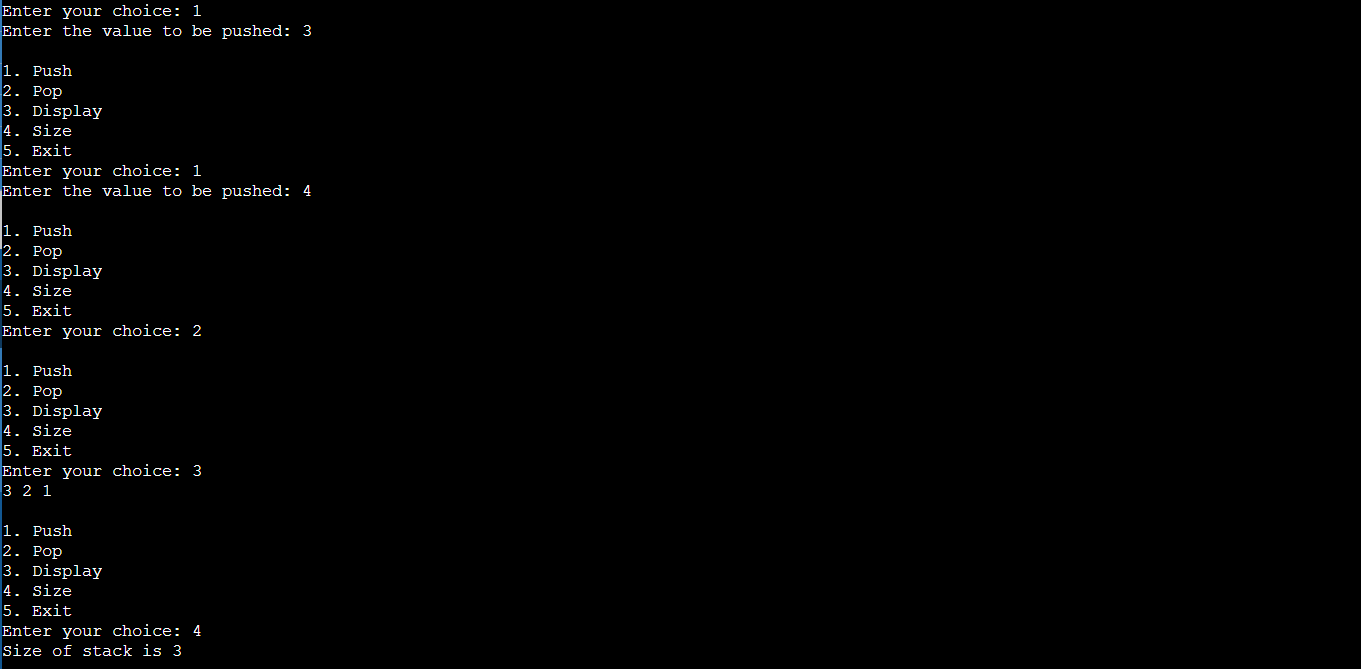
Program:

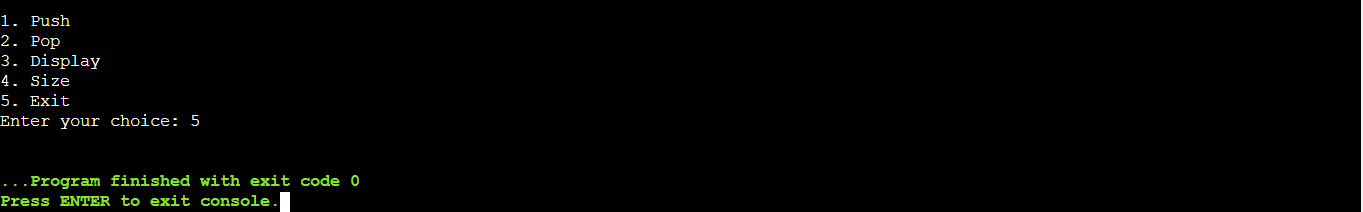




Output:

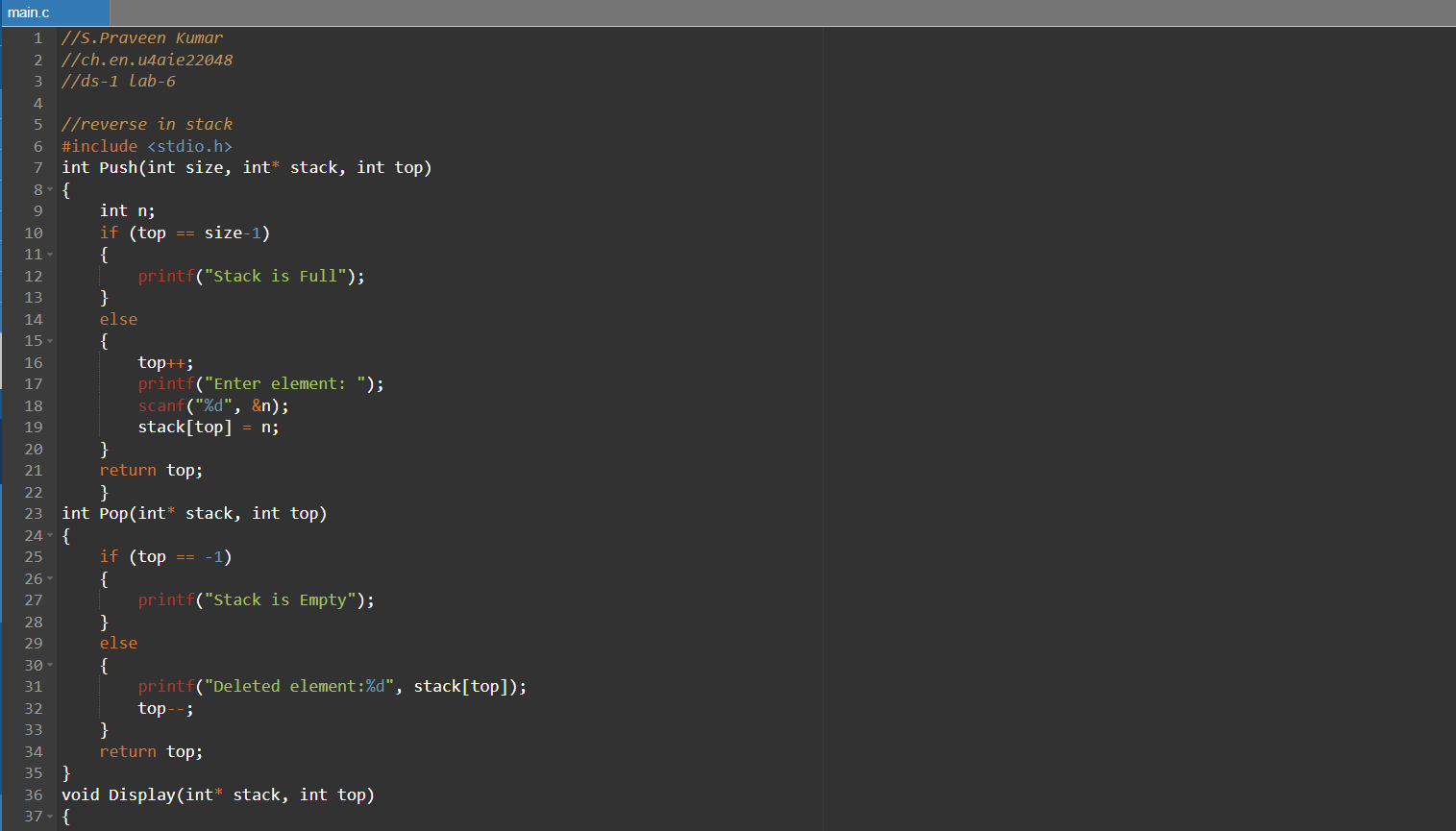


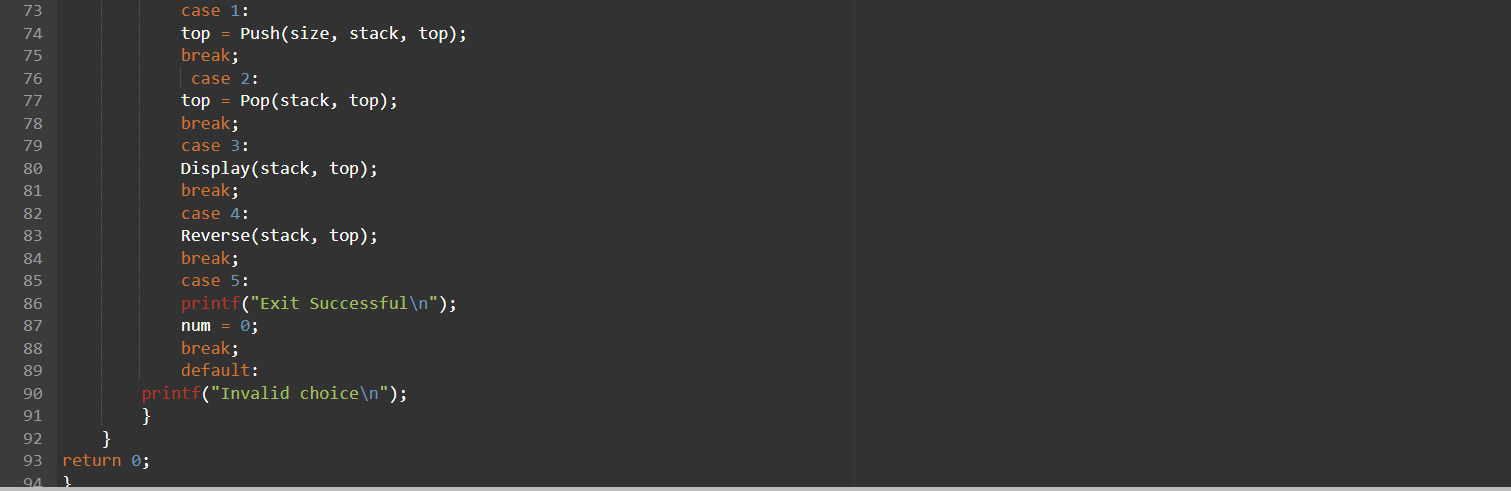
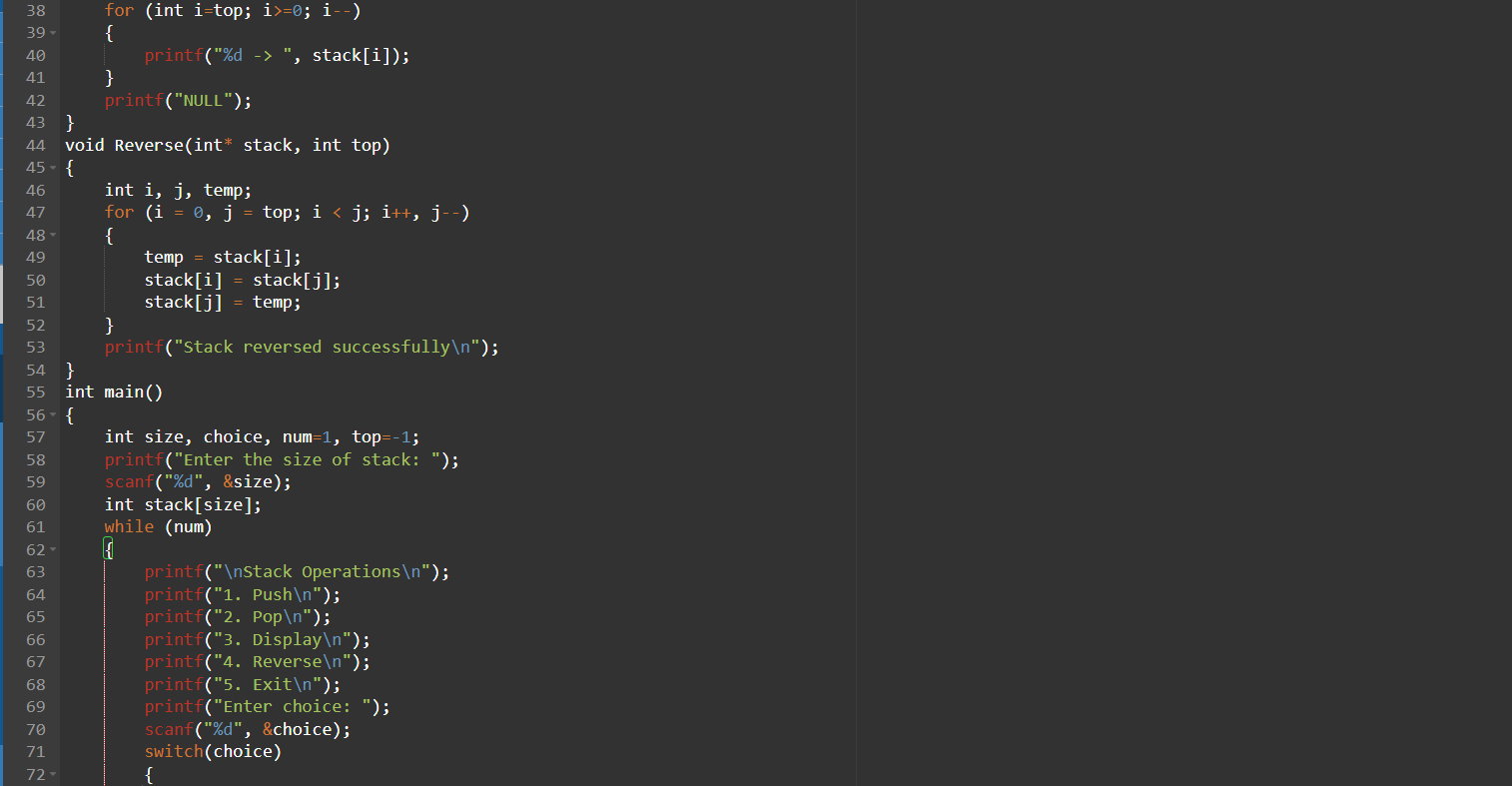




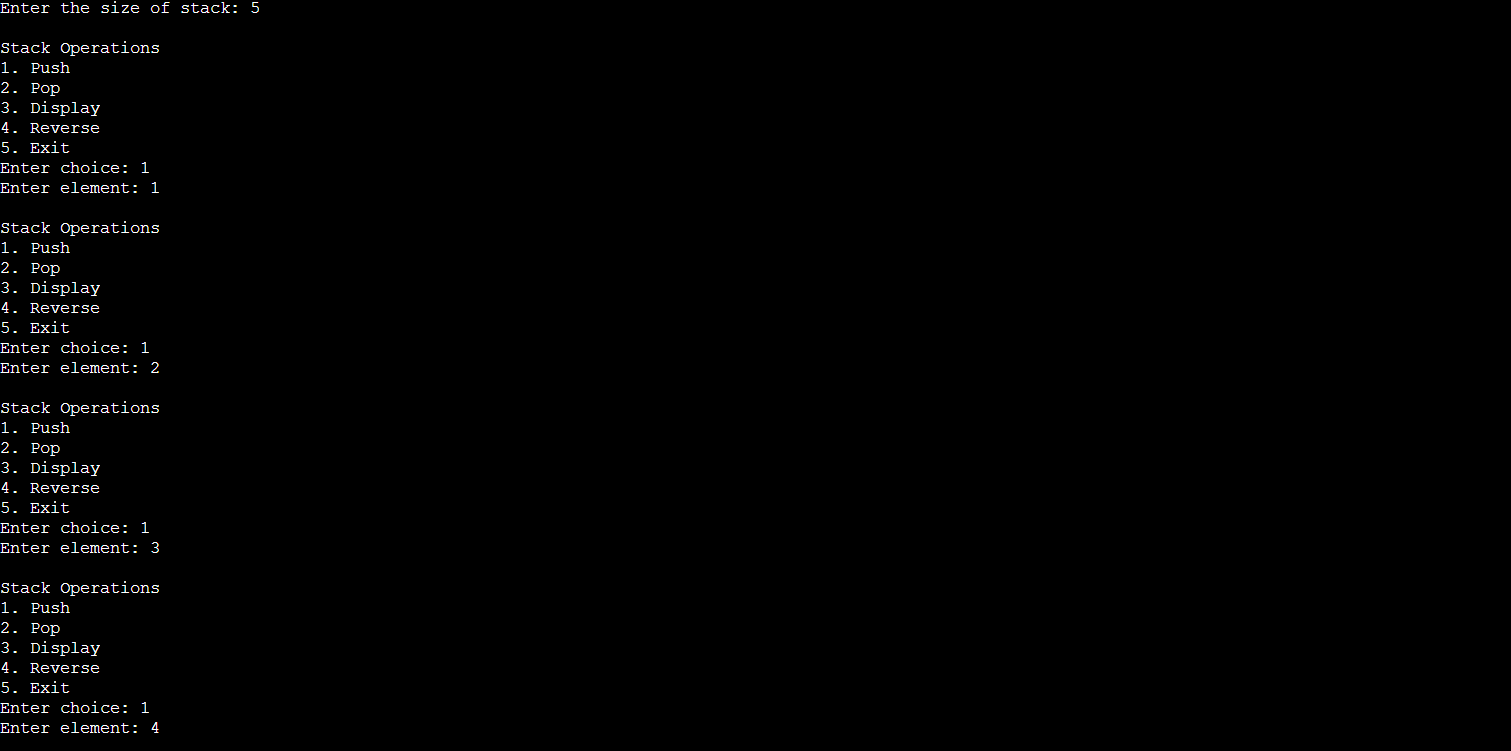
**Reversing of Stack using linked list:**

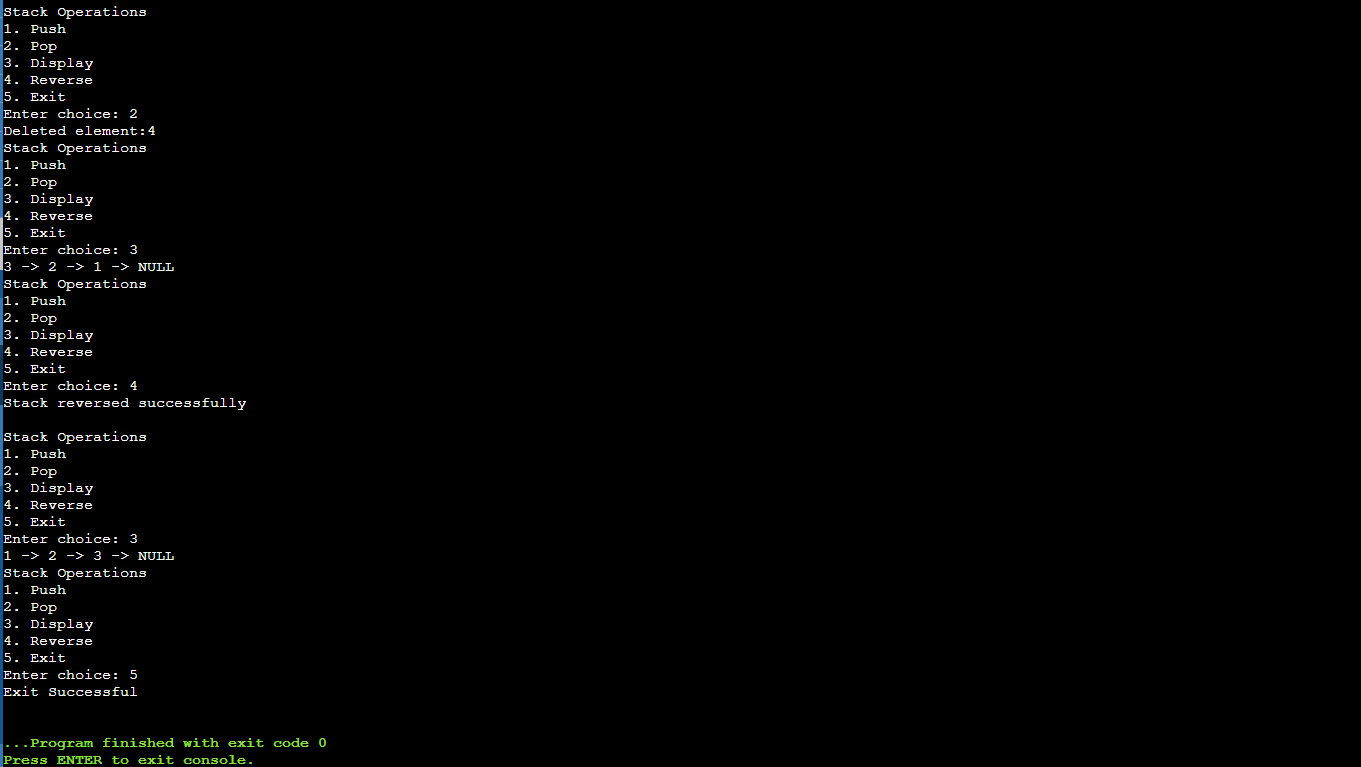
Program:





Output:



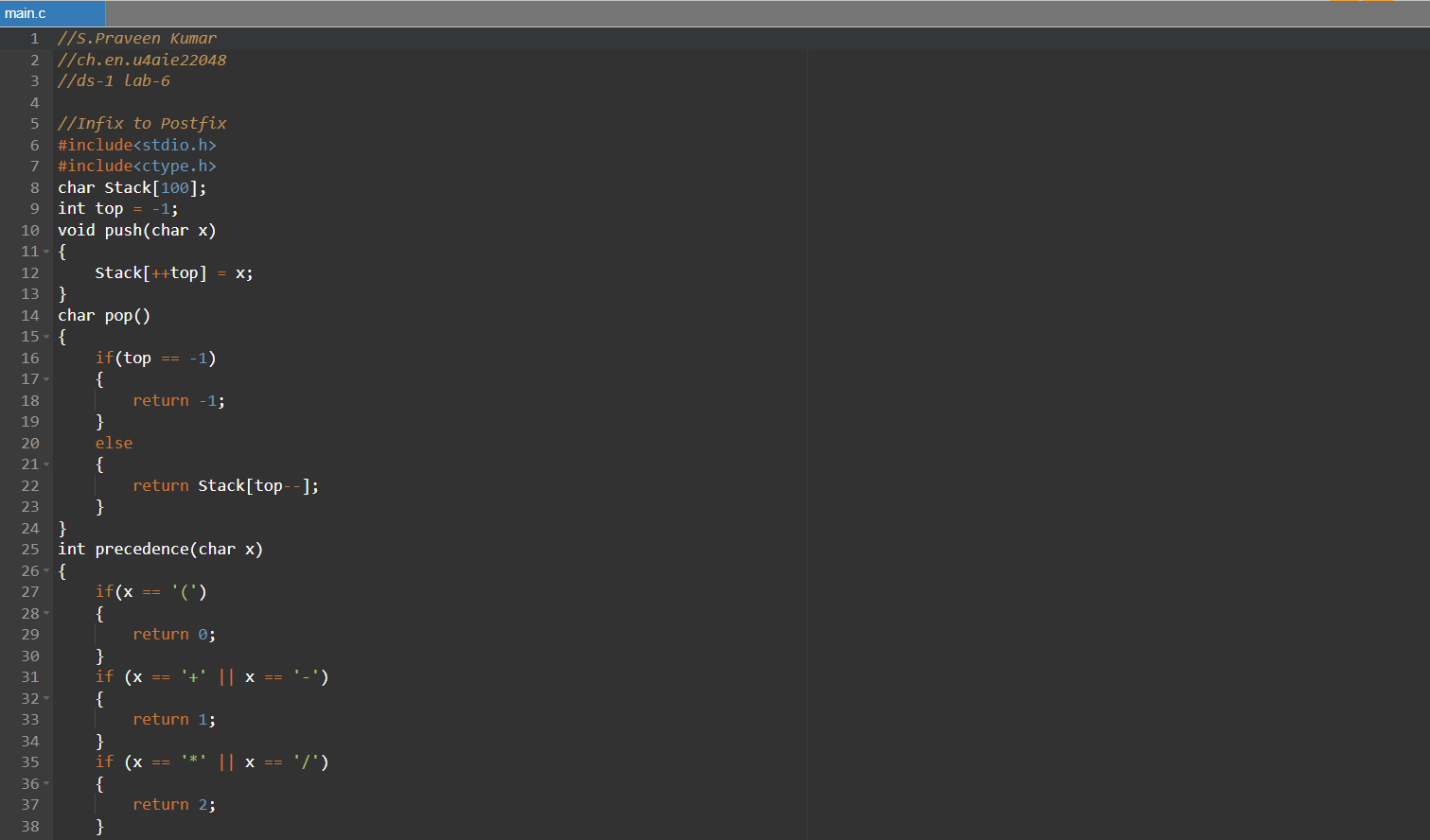


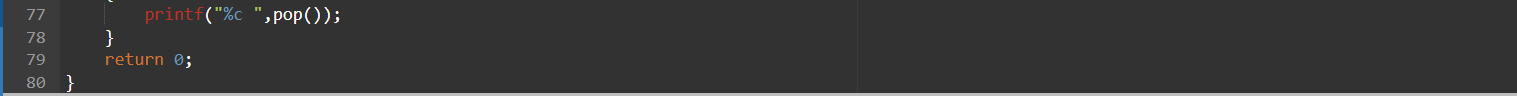
DATA STRUCTURE – 1

LAB-7

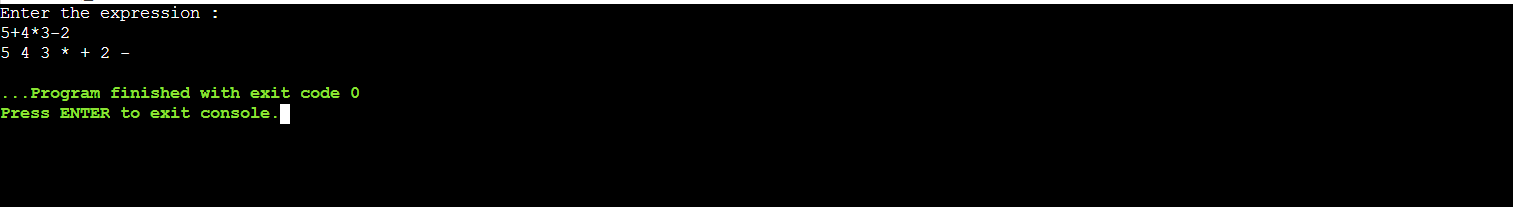
S.Praveen kumar ch.en.u4aie22048

**Infix to Postfix**

Program: 

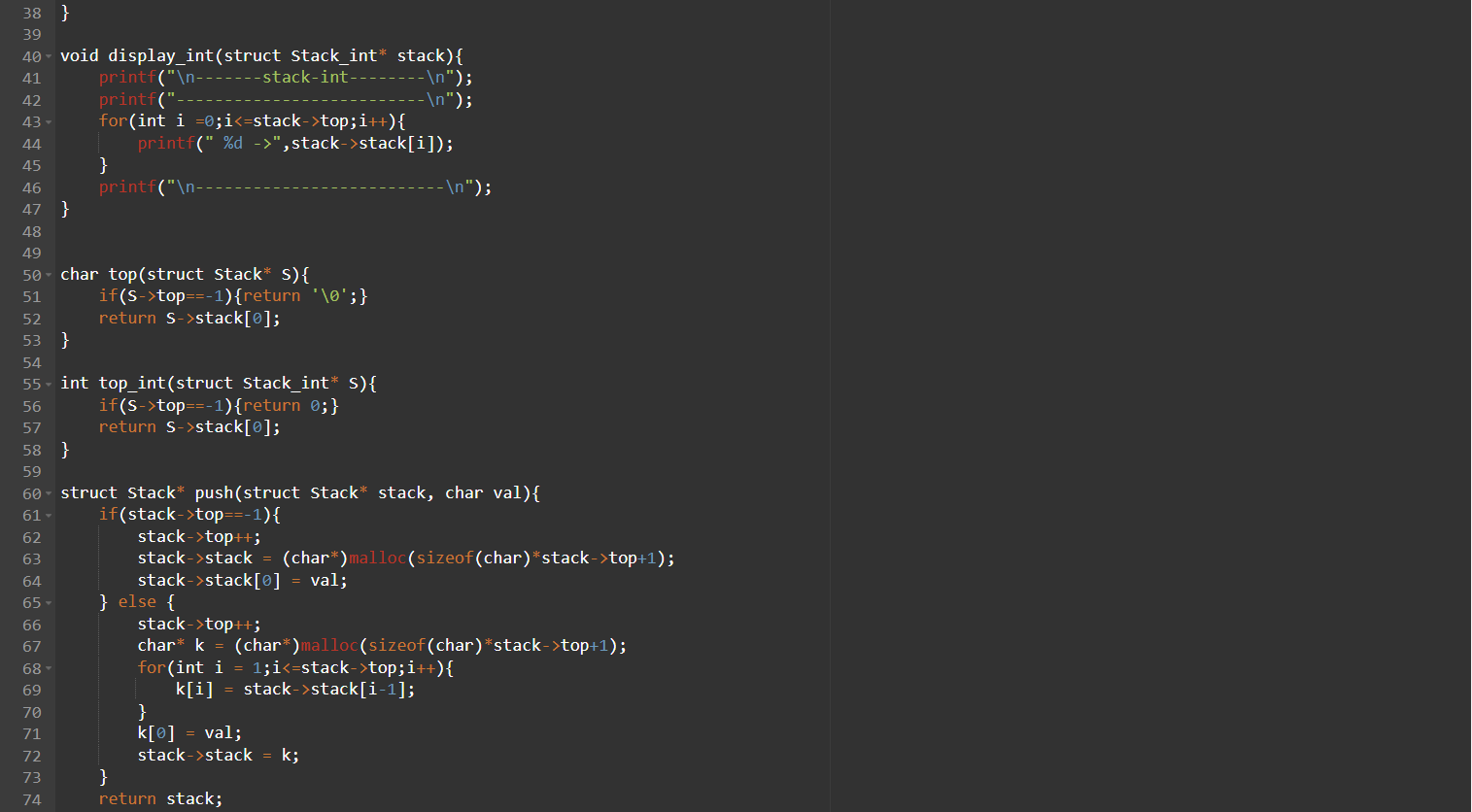
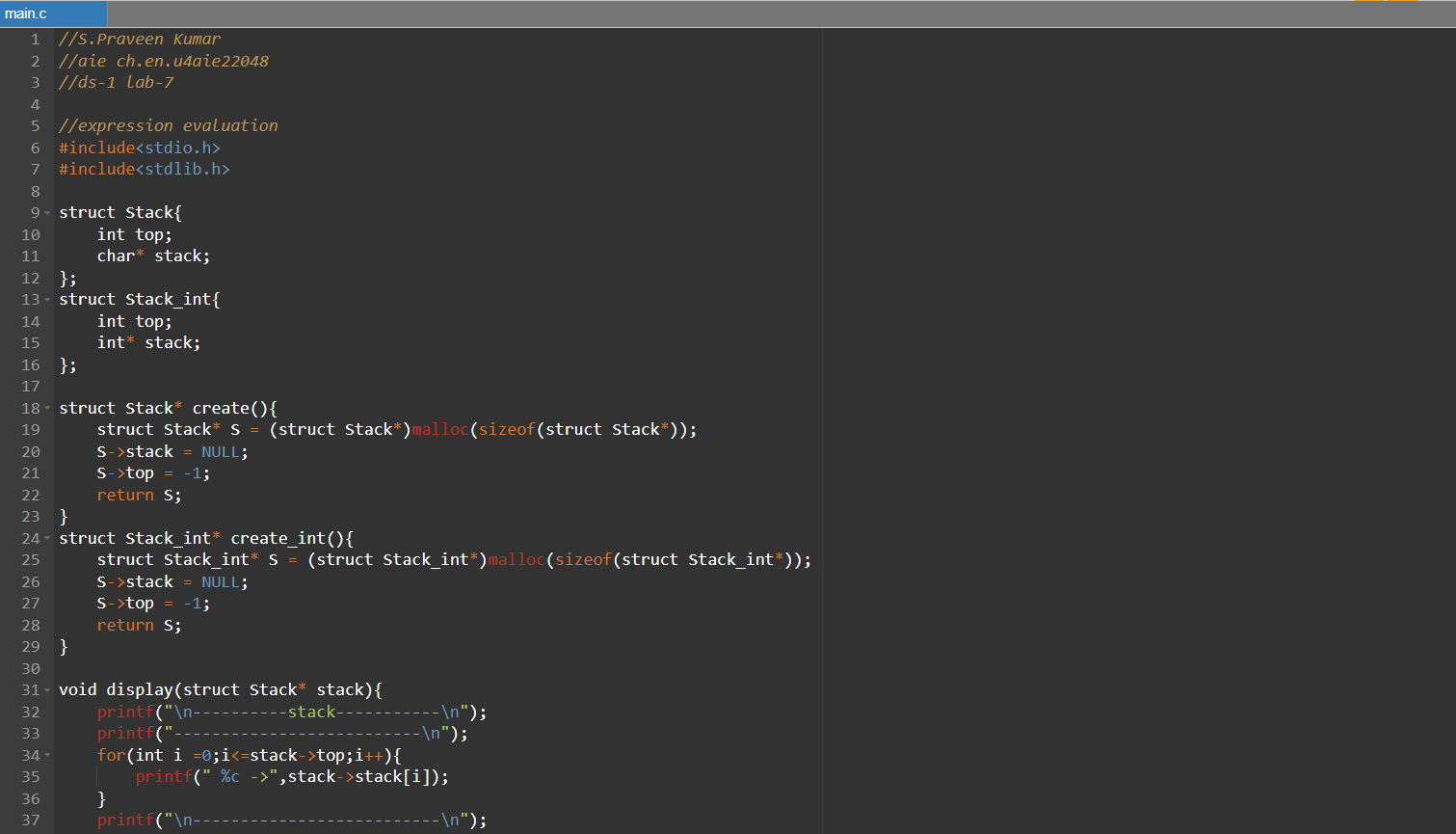


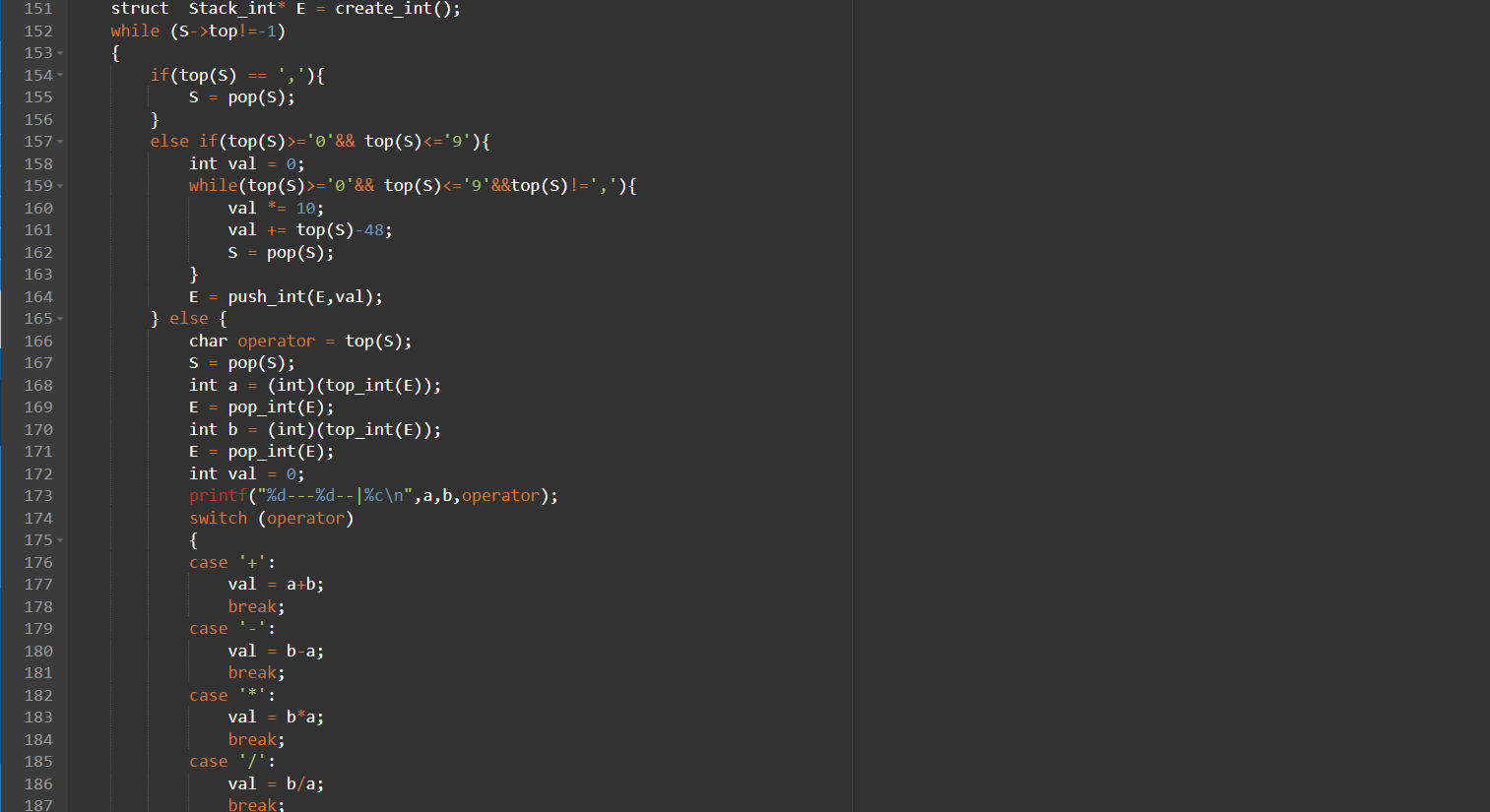
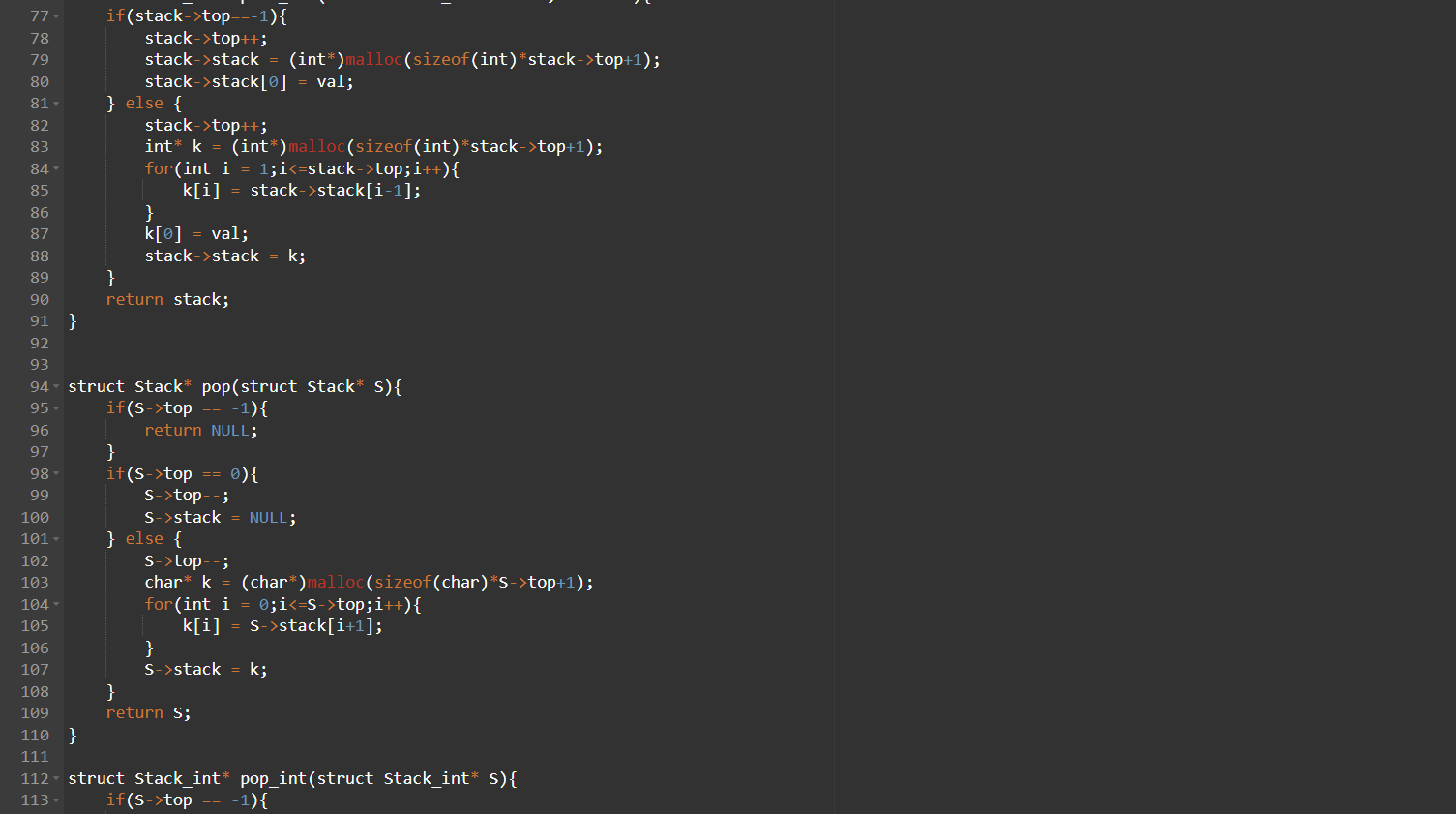
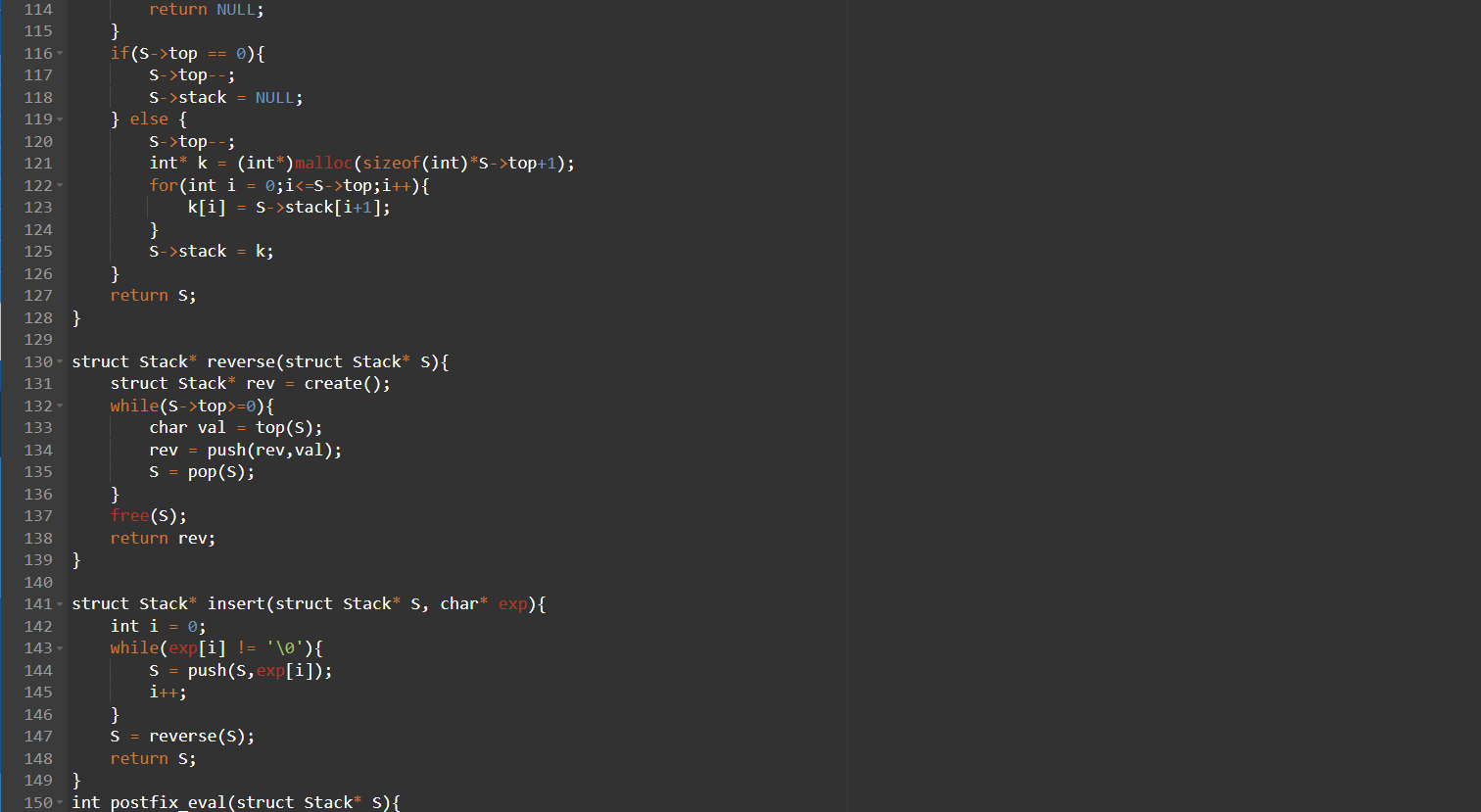
Output:

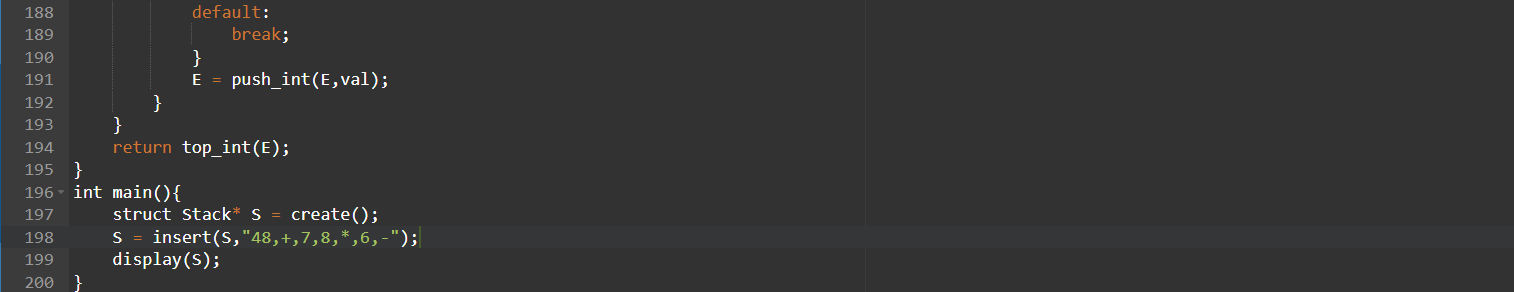


**Expression Evaluation**

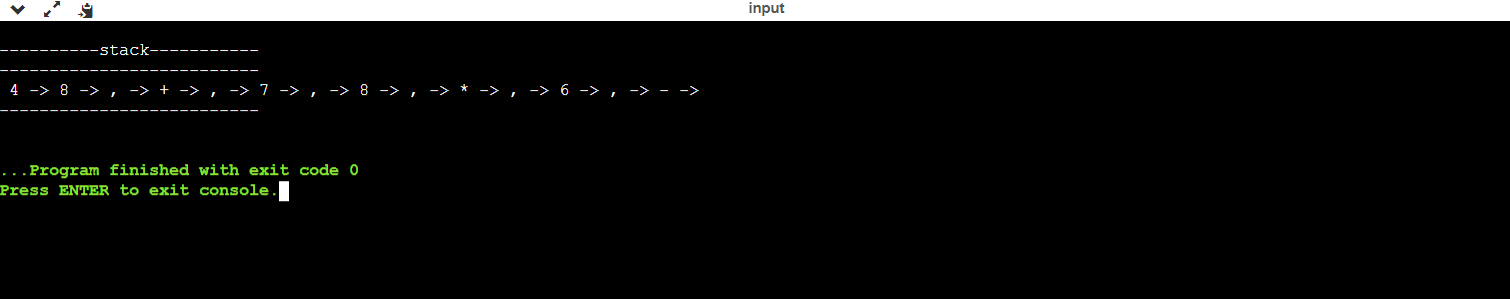
Program:







Output:



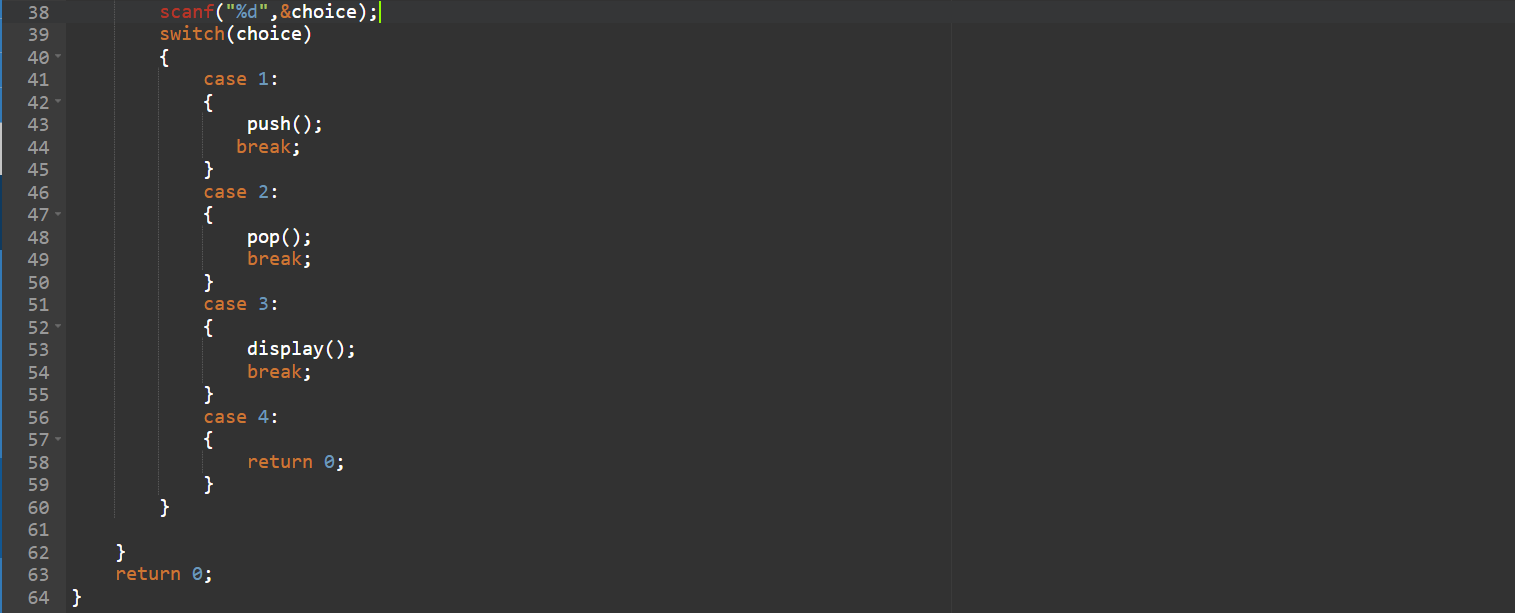
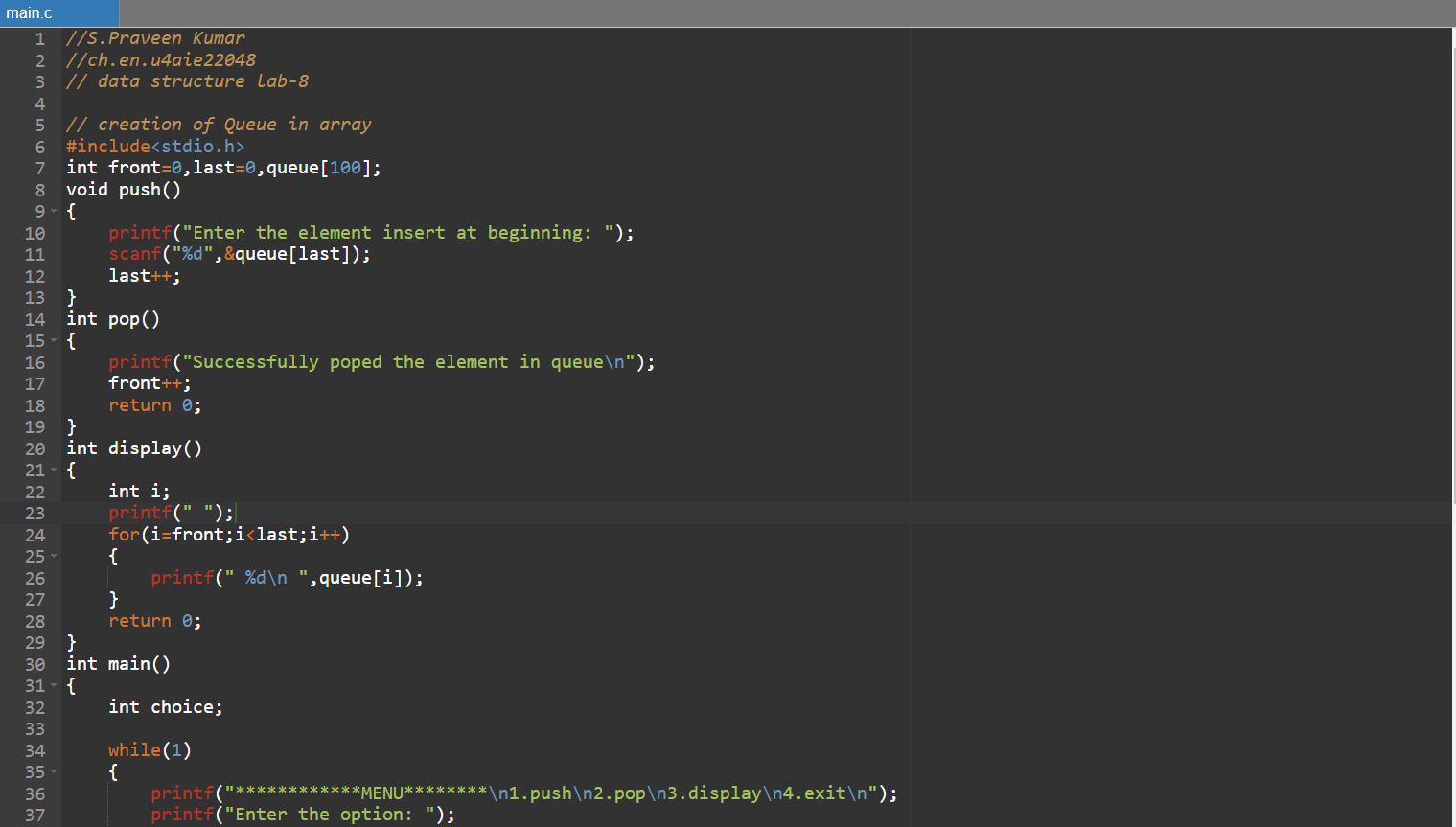
DATA STRUCTURE – 1

LAB-8

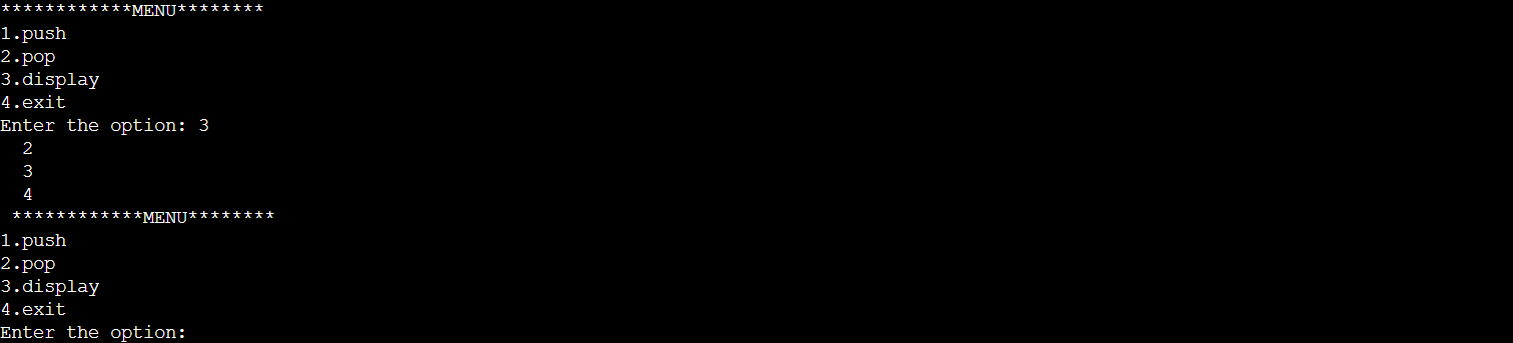
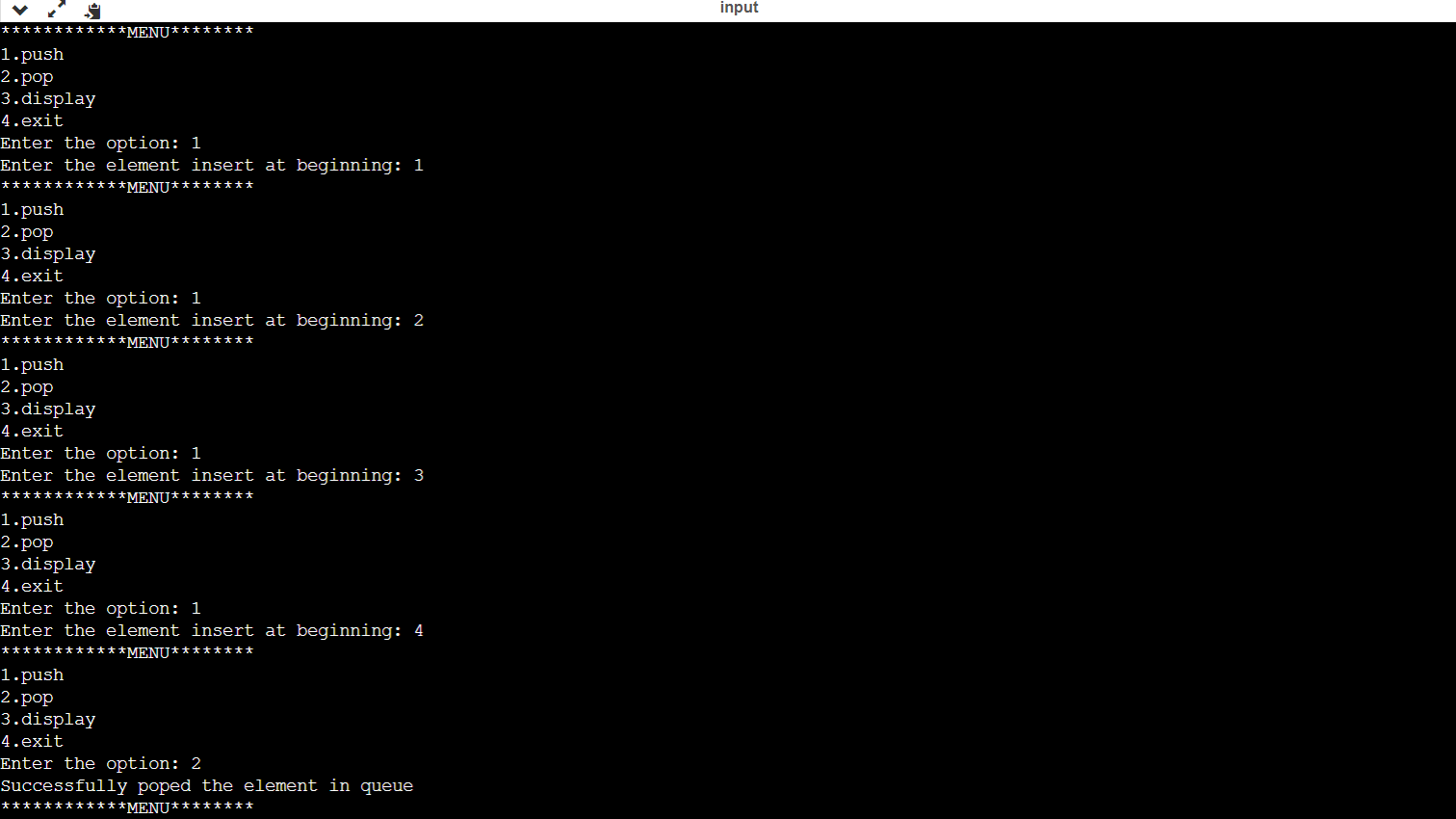
S.Praveen kumar ch.en.u4aie22048

**Creation of Queue in array:**

Program:

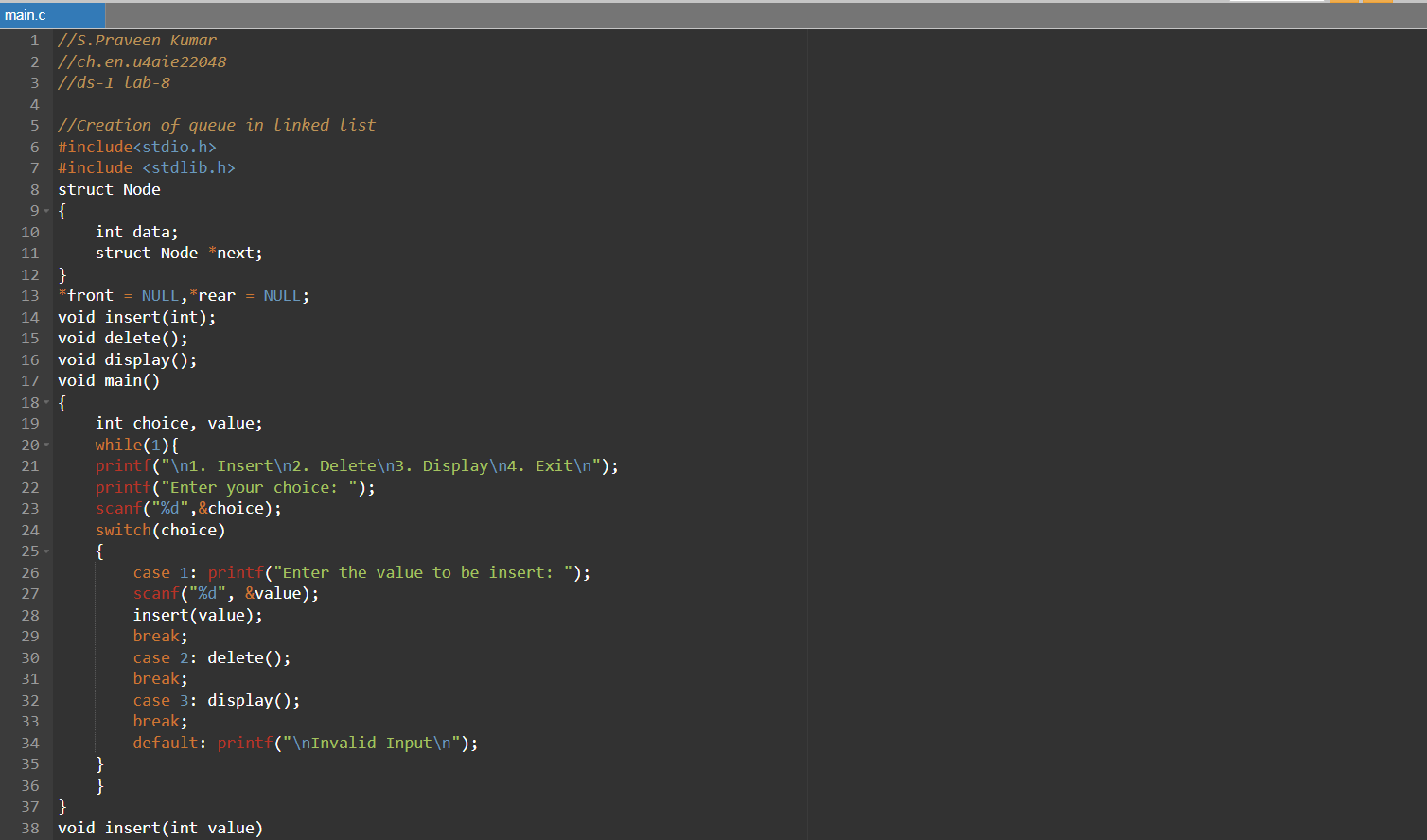


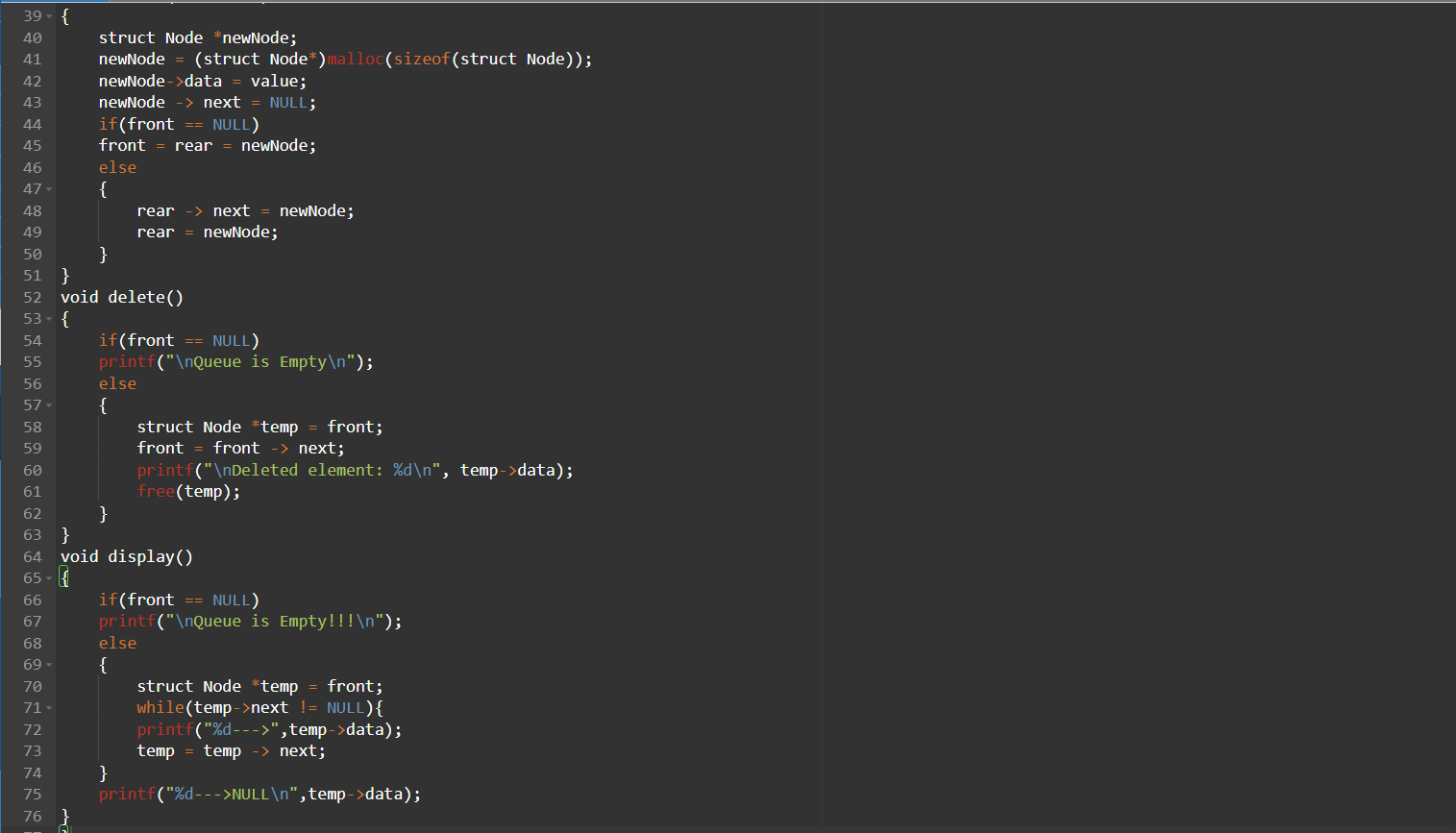
Output:



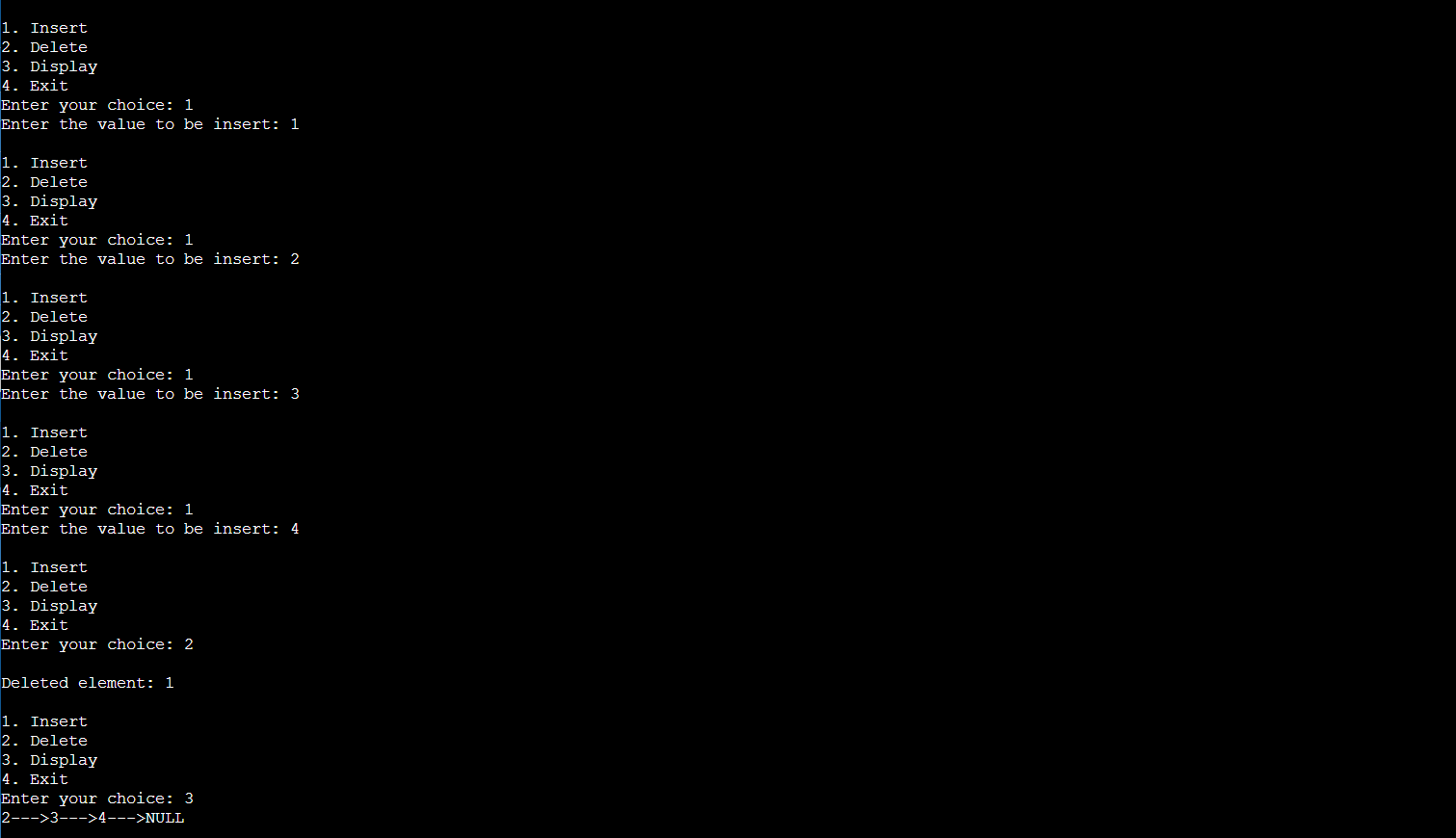
**Creation of Queue in Linked List:**

Program:





Output:



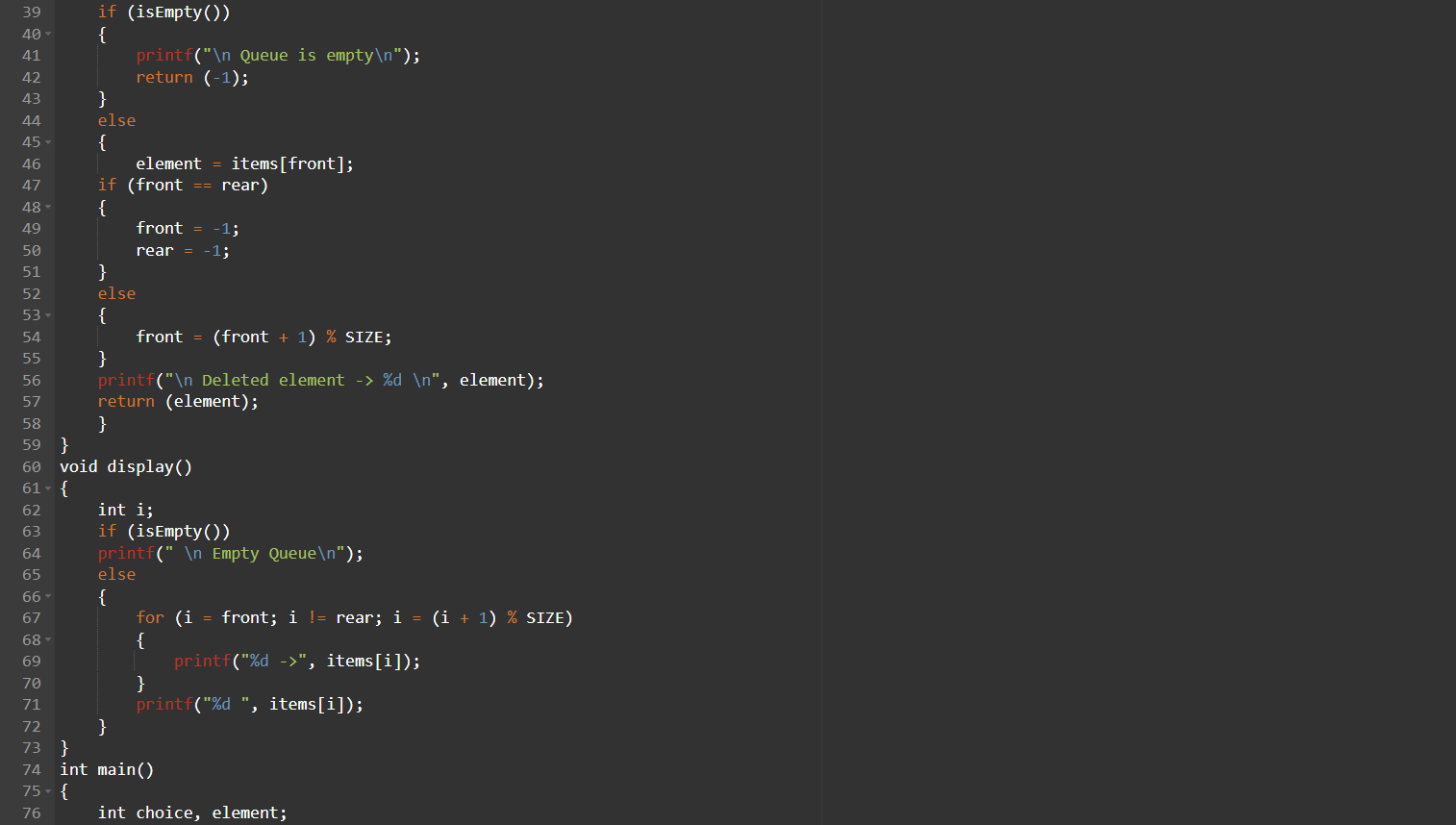
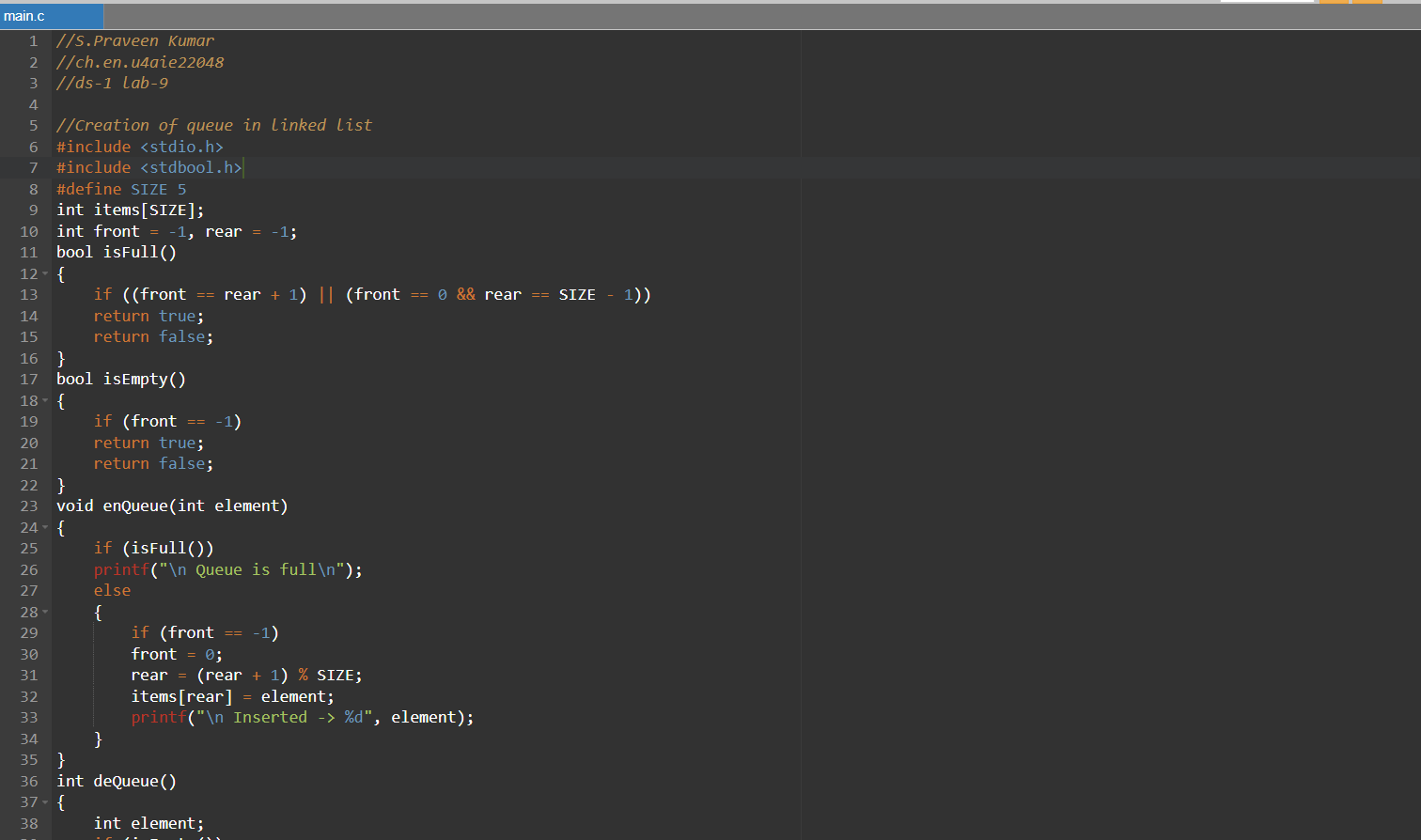
DATA STRUCTURE – 1

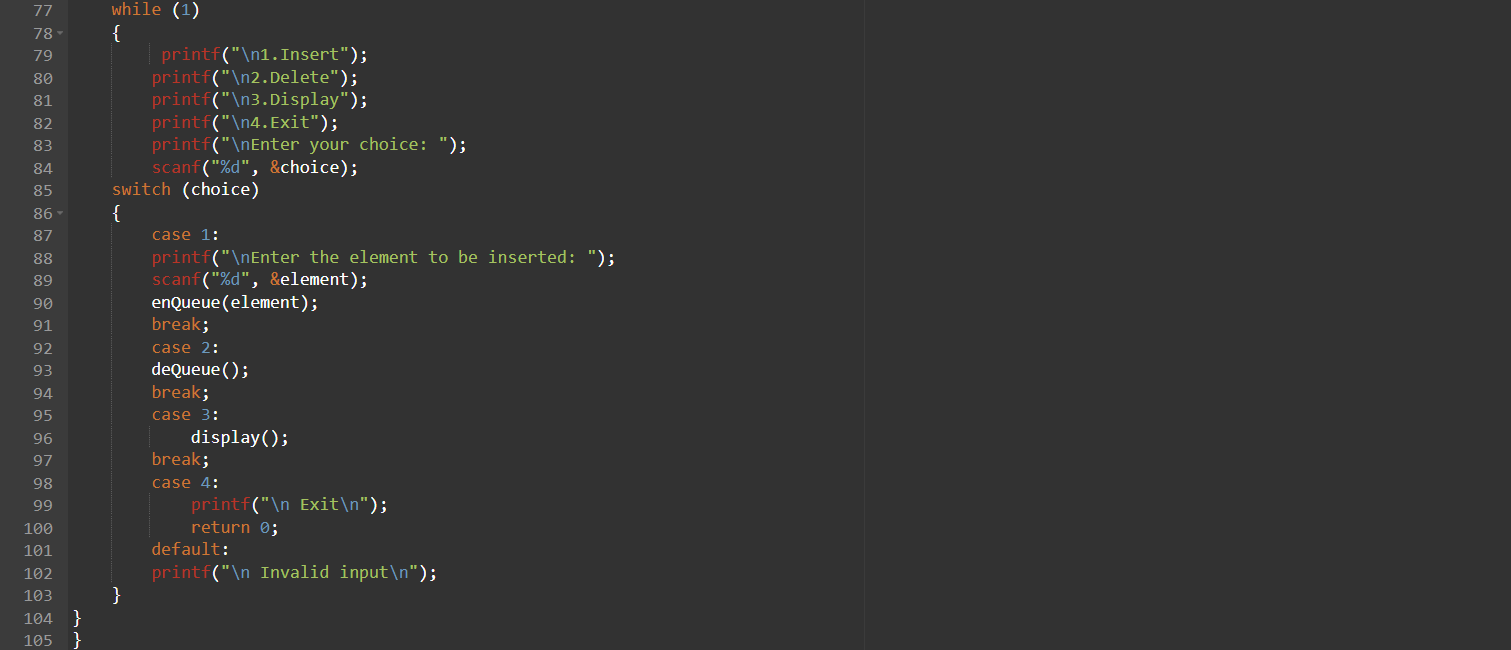
LAB-9

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**Creation of Circular Queue in array:**

Program:





Output:

