**Write a C program to implement Stack operations such as PUSH,**

**POP and PEEK.**

**#include <stdio.h>**

**#define MAX 5**

**int stack[MAX], top=-1;**

**void push(int x){ if(top==MAX-1) printf("Overflow\n"); else stack[++top]=x; }**

**void pop(){ if(top==-1) printf("Underflow\n"); else printf("Popped: %d\n",stack[top--]); }**

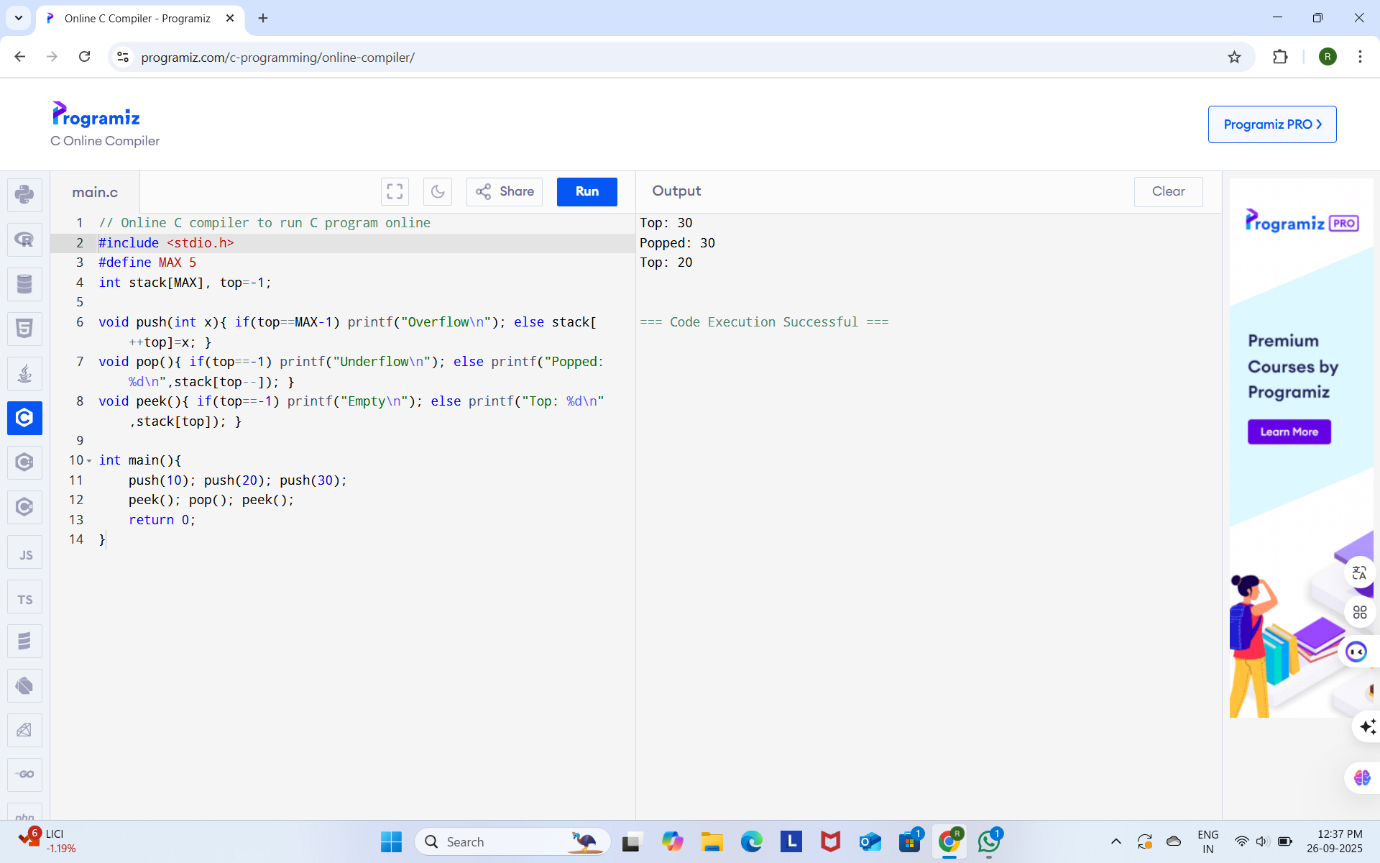
**void peek(){ if(top==-1) printf("Empty\n"); else printf("Top: %d\n",stack[top]); }**

**int main(){**

**push(10); push(20); push(30);**

**peek(); pop(); peek();**

**return 0;**

**}**