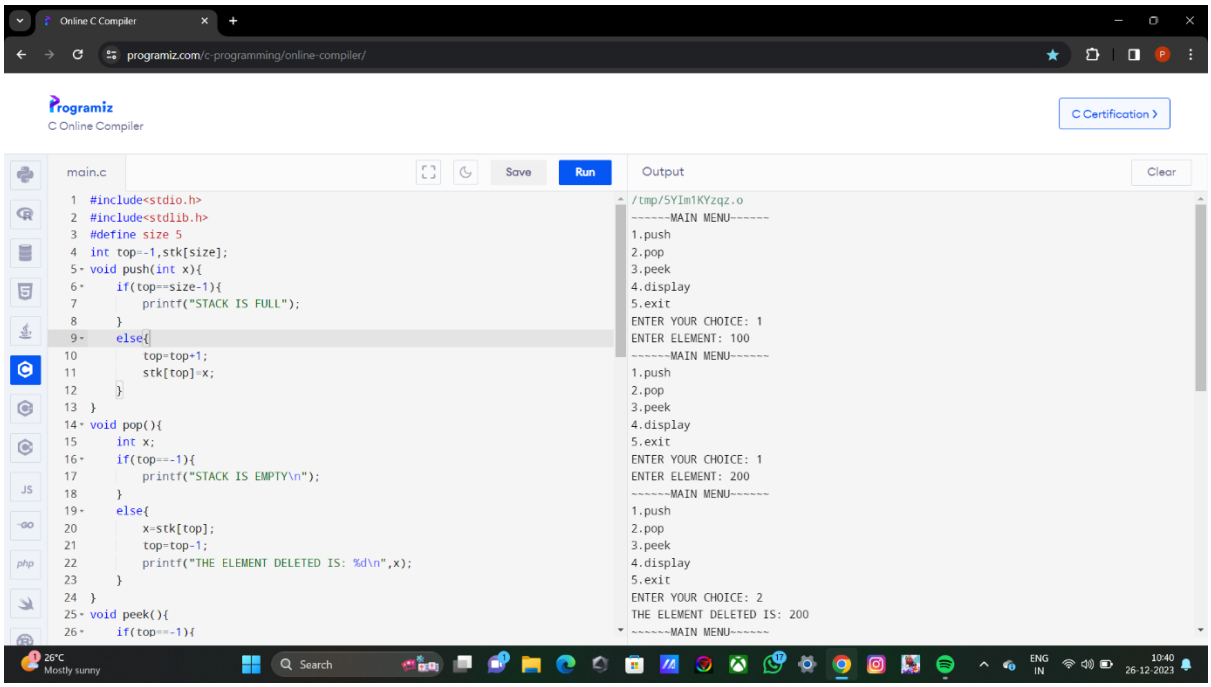
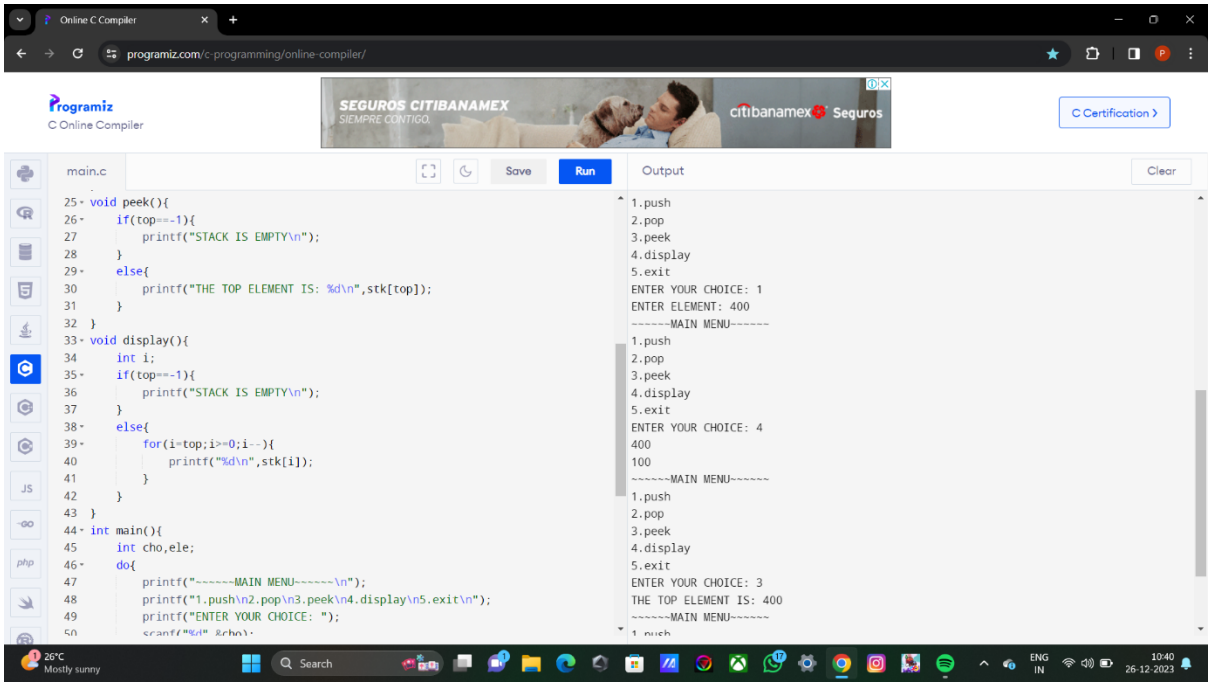
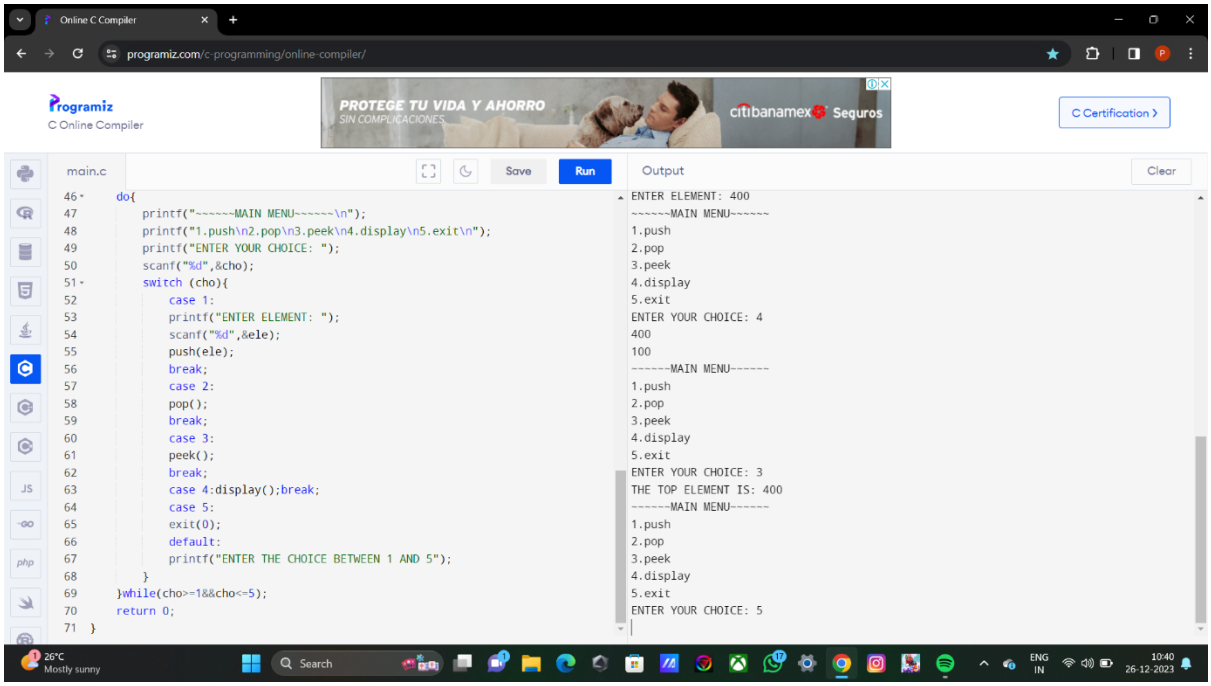
1. STACK FUNCTIONS IN A MENU DRIVEN PROGRAM.



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main.c
Save
Run
Output
Clear
do{
printf("~~~~~~MAIN MENU~~~~~~\n");
printf("1.push\n2.pop\n3.peek\n4.display\n5.exit\n");
printf("ENTER YOUR CHOICE: ");
scanf("%d",&cho);
switch (cho){
case 1:
printf("ENTER ELEMENT: ");
scanf("%d",&ele);
push(ele);
break;
case 2:
pop();
break;
case 3:
peek();
break;
case 4:display();break;
case 5:
exit(0);
default:
printf("ENTER THE CHOICE BETWEEN 1 AND 5");
}
}while(cho>=1&&cho<=5);
return 0;
}
ENTER ELEMENT: 400
~~~~~~MAIN MENU~~~~~~
1.push
2.pop
3.peek
4.display
5.exit
ENTER YOUR CHOICE: 4
400
100
~~~~~~MAIN MENU~~~~~~
1.push
2.pop
3.peek
4.display
5.exit
ENTER YOUR CHOICE: 3
THE TOP ELEMENT IS: 400
~~~~~~MAIN MENU~~~~~~
1.push
2.pop
3.peek
4.display
5.exit
ENTER YOUR CHOICE: 5
26°C
Mostly sunny
Search
ENG
IN
10:40
26-12-2023
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