// C++ program to check whether a number

#include <bits/stdc++.h>

using namespace std;

// Function to check whether a number

// can be represented by the difference

// of two squares

bool difSquare(int n)

{

// Checking if n % 4 = 2 or not

if (n % 4 != 2) {

return true;

}

return false;

}

int main()

{

int n;

std::cout<<"enter the number: ";

std::cin>>n;

if (difSquare(n)) {

cout << "Yes\n";

}

else {

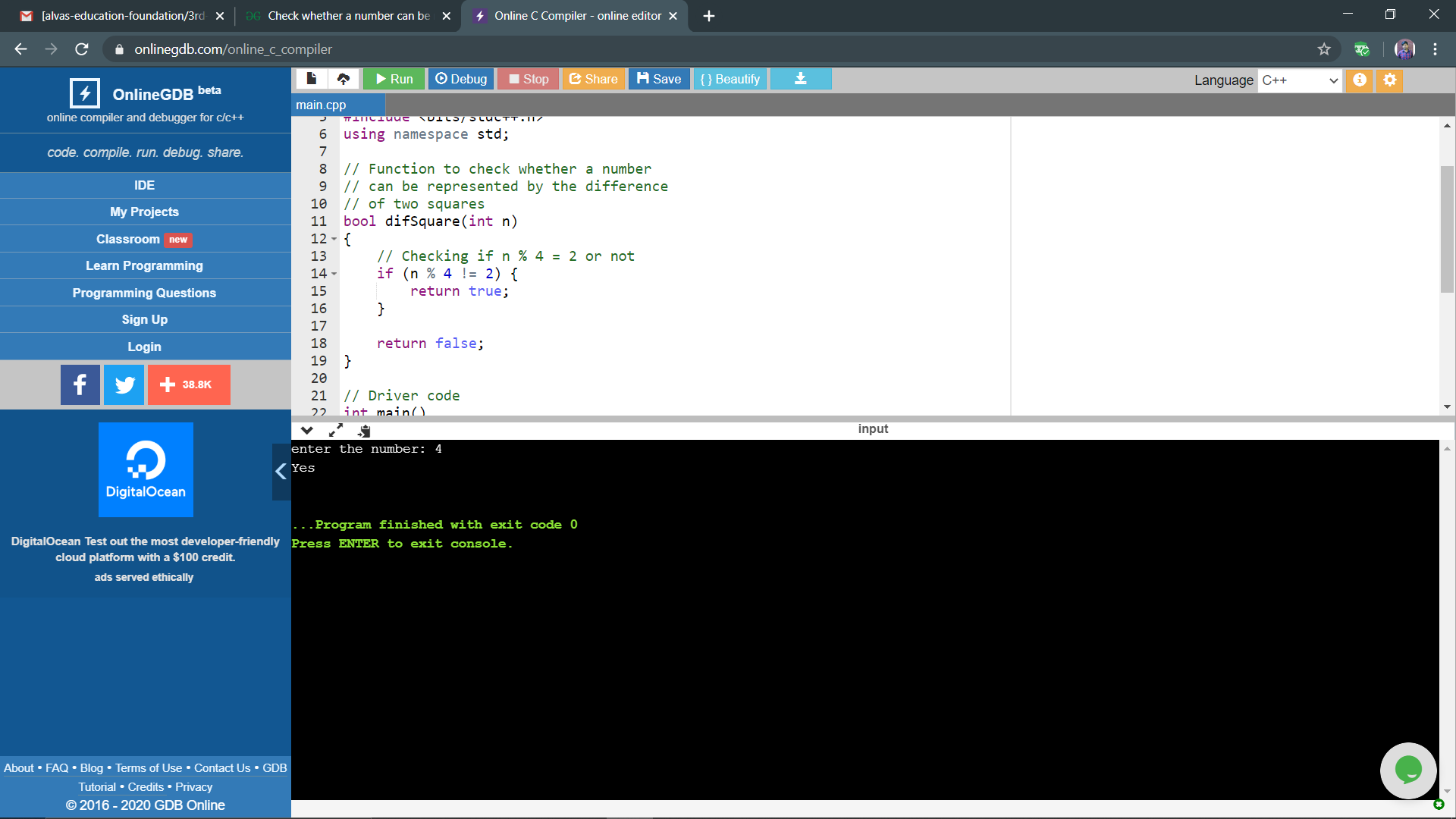
cout << "No\n";

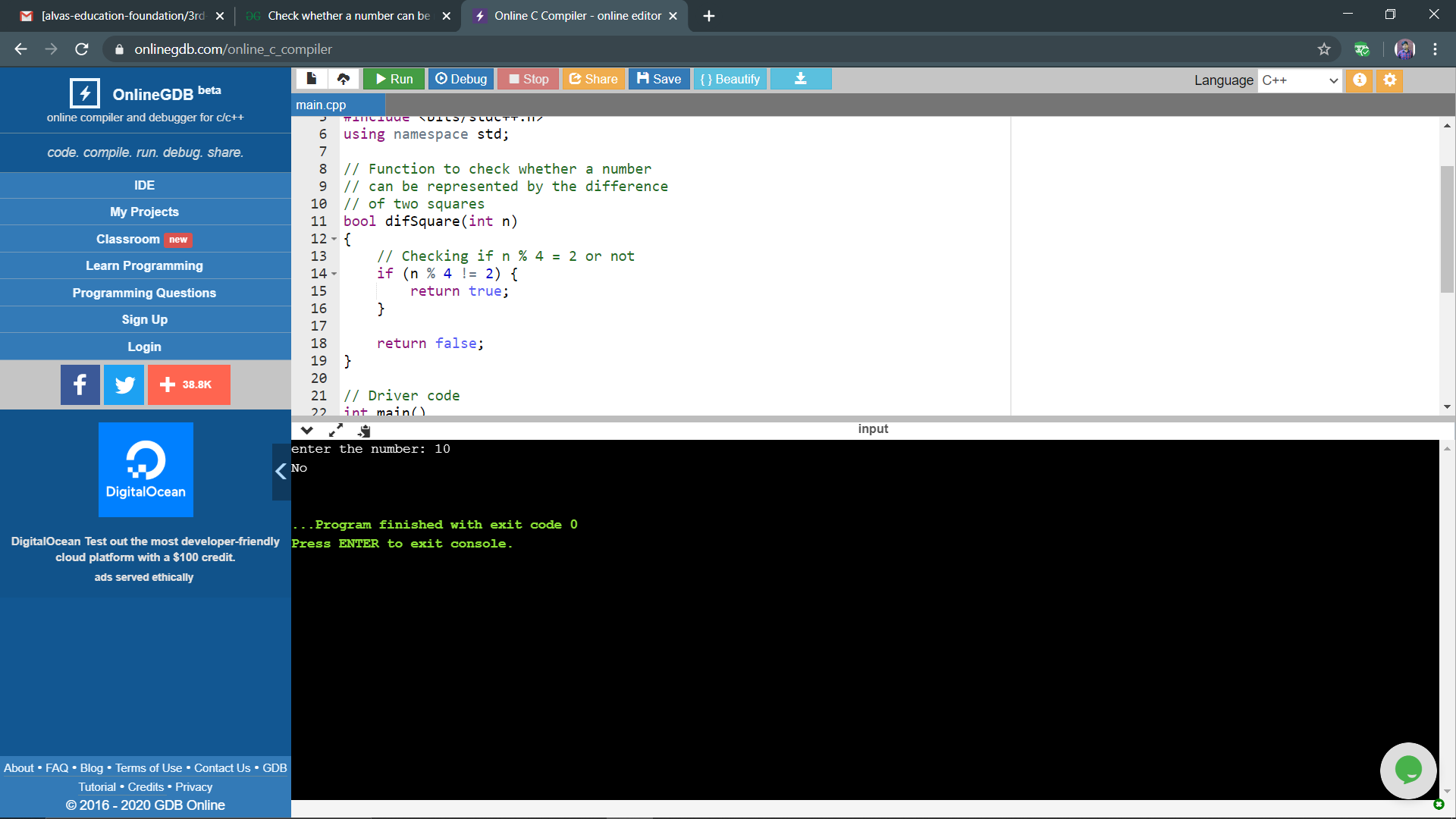
}

return 0;

}

**OUTPUT:**

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