

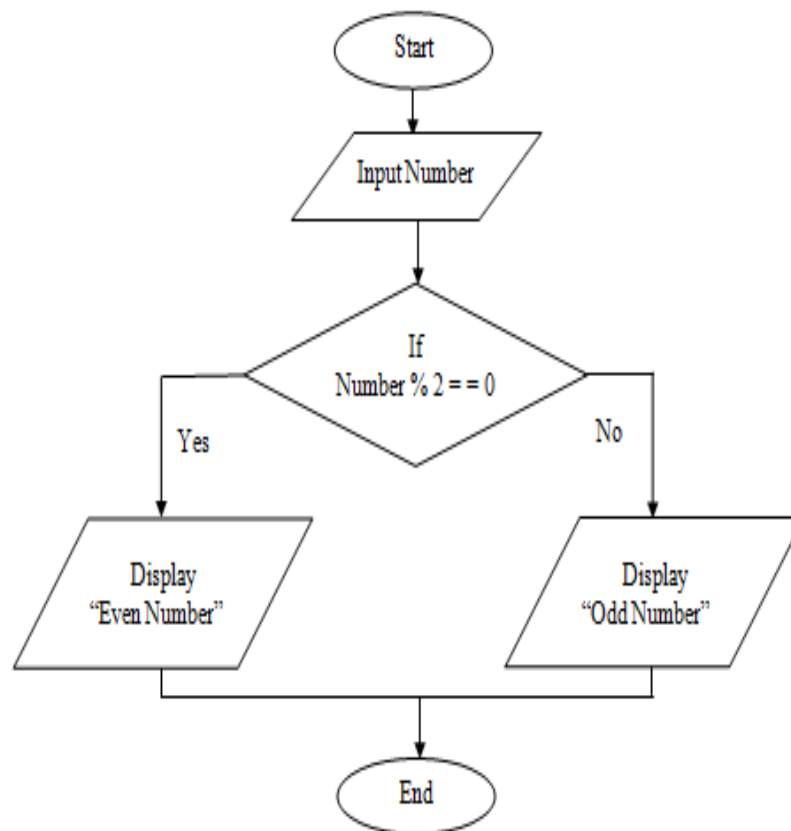
Name of the experiment: Write a program to check a number even or odd.

Theory: To check a number is an even or an odd number in C++ first of all, if the given number is divisible by 2 and it has no remainder then it is an even number. Otherwise it is an odd number.

Algorithm:

- ❖ Start.
- ❖ Take input and read the number.
- ❖ Check that if $\text{number} \% 2 == 0$. If true then, Print Even number.
Else, print Odd number.
- ❖ Finish

Flowchart:



Code:

```
#include<iostream>

using namespace std;

int main()
{
    int num;

    cout<<"Enter a number:";

    cin>>num;

    if(num%2==0)

        cout<<"\n It is even number";

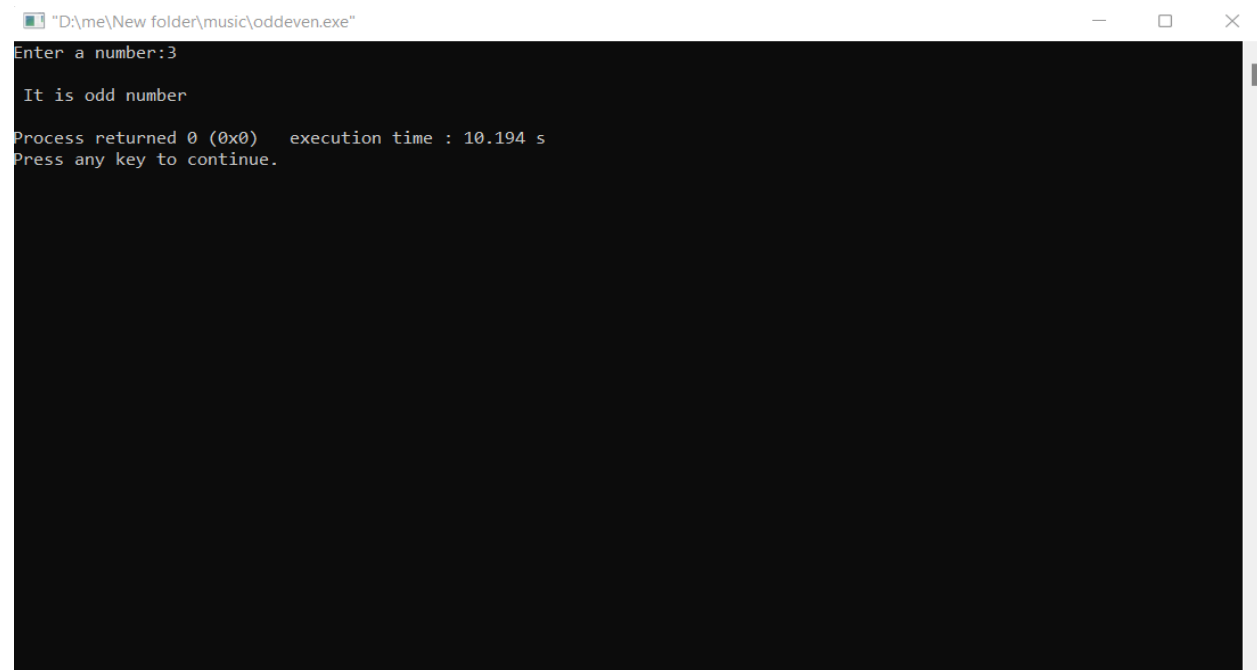
    else

        cout<<"\n It is odd number";

    cout<<endl;

    return 0;
}
```

OUTPUT:



```
"D:\me\New folder\music\oddeven.exe"
Enter a number:3

It is odd number

Process returned 0 (0x0)   execution time : 10.194 s
Press any key to continue.
```