If Else Determining Even or Odd

```cpp
// If Else Determining Even Or Odd Ifk

#include<iostream>
using namespace std;

int main()
{
    int x;

    cout << "Enter x : \n";
    cin >> x;

    if (x % 2 == 0)
    {
        cout << "x is even" << endl;
    }
    else
    {
        cout << "x is odd" << endl;
    }

    return 0;
}
```

Test Case 1

Input

```
12
```

Output

```
Enter x :
x is even
```

Test Case 2

Input

```
23
```

Output

```
Enter x :
```

```
2   x is odd
```