

Question11: Write a program to check if a number is divisible by 2. If it is, further check if it is also divisible by 5.

Example: Input 10 —> Output: “Divisible by both 2 and 5”

```
#include <iostream>

using namespace std;

int main() {
    int num;

    cout << "Enter a number: ";

    cin >> num;

    if (num % 2 == 0) {
        if (num % 5 == 0) {
            cout << "Divisible by both 2 and 5";
        } else {
            cout << "Divisible by 2, but not by 5";
        }
    } else {
        cout << "Not divisible by 2";
    }

    return 0;
}
```