1.


```cpp
#include <iostream>
using namespace std;

int main() {
    int x;

    cout << "Give me a number: ";
    cin >> x;

    if(x % 2 == 0){

        cout << "It's an even number!";

    }else{

        cout << "It's an odd number!";
    }

    return 0;

}
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
PS C:\Users\LENOVO\Documents\School> cd "c:\Users\LENOVO\Documents\School\" ; if ($?) { g++ 1.cpp -o 1 } ; if ($?) { .\1 }
Give me a number: 2
It's an even number!
PS C:\Users\LENOVO\Documents\School> 
```
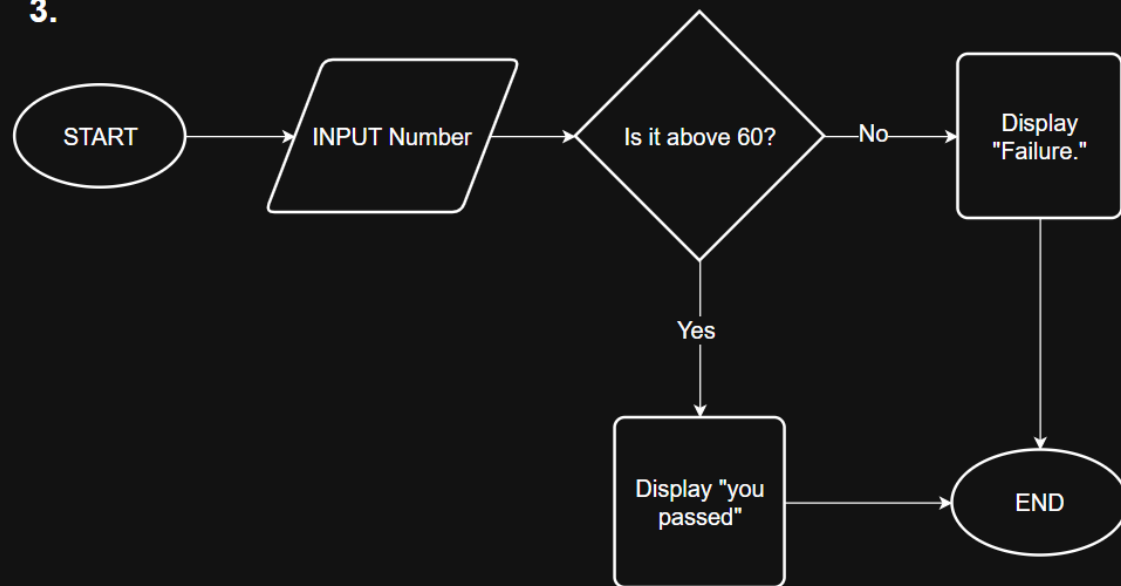
2.
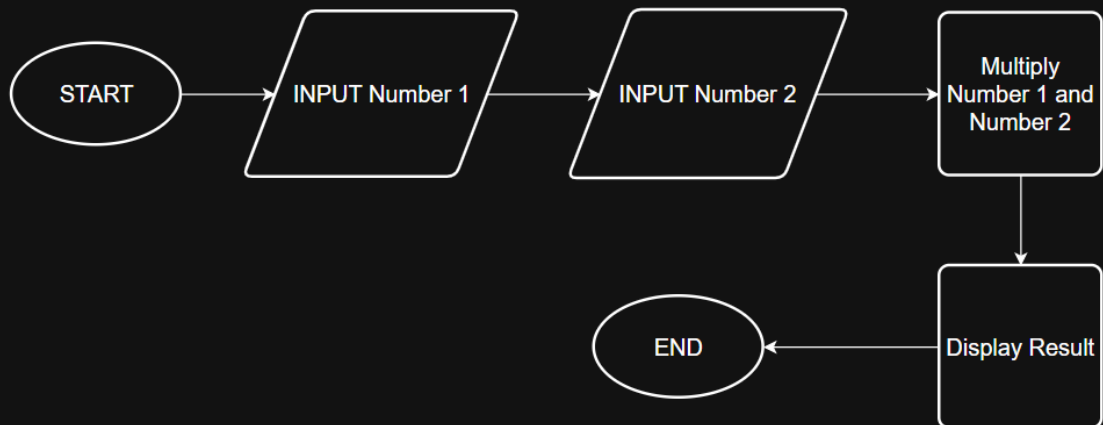

```cpp
#include <iostream>
using namespace std;

//rectangle

int main() {
    float x;
    float y;

    cout << "Area of a rectangle calculator\n";

    cout << "Enter the width: ";
    cin >> x;

    cout << "Enter the length: ";
    cin >> y;

    cout << "Your area is: " << (x * y);

    return 0;
}
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**   PORTS

PS C:\Users\LENOVO\Documents\School> cd "c:\Users\LENOVO\Documents\School\" ; if ($?) { g++ 2.cpp -o 2 } ; if ($?) { .\2 }
Area of a rectangle calculator
Enter the width: 20
Enter the length: 1.1
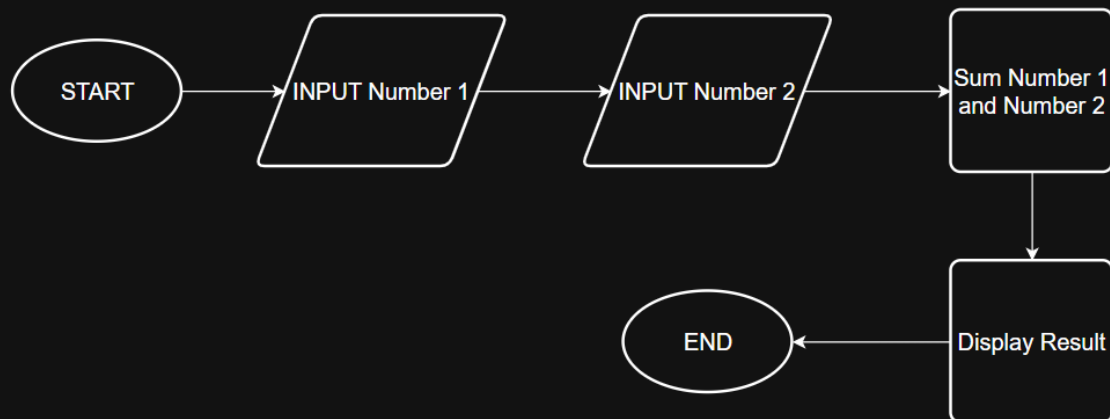Your area is: 22
PS C:\Users\LENOVO\Documents\School>

3.


```cpp
#include <iostream>
using namespace std;

int main() {
    float score;

    cout << "Enter your score: ";
    cin >> score;

    if (score >= 60){
        cout << "You passed!\n";
    }
    else {
        cout << "Failure.\n";
    }

    return 0;
}
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**   PORTS

PS C:\Users\LENOVO\Documents\School> cd "c:\Users\LENOVO\Documents\School\" ; if ($?) { g++ 3.cpp -o 3 } ; if ($?) { .\3 }
Enter your score: 67
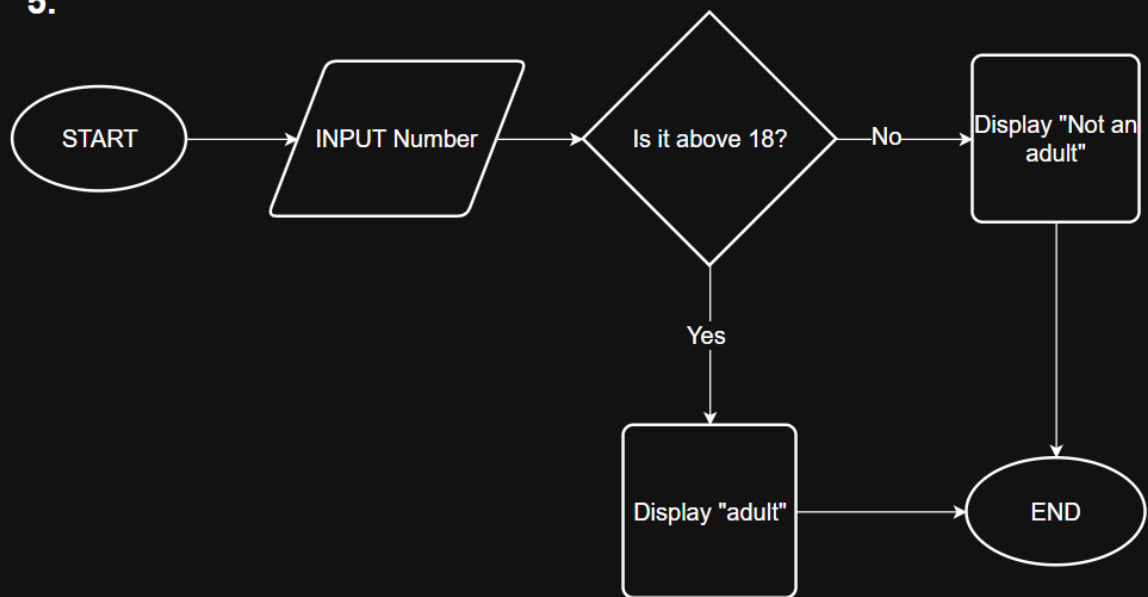You passed!
PS C:\Users\LENOVO\Documents\School> █

4.


```cpp
#include <iostream>
using namespace std;

//add

int main() {
    float x;
    float y;

    cout << "Simple addition calculator\n";

    cout << "Value 1: ";
    cin >> x;

    cout << "Value 2: ";
    cin >> y;

    cout << "Result: " << (x + y);

    return 0;
}
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**   PORTS

```
PS C:\Users\LENOVO\Documents\School> cd "c:\Users\LENOVO\Documents\School\" ; if ($?) { g++ 4.cpp -o 4 } ; if ($?) { .\4 }
Simple addition calculator
Value 1: 1
Value 2: 2
Result: 3
PS C:\Users\LENOVO\Documents\School>
```

5.


```cpp
#include <iostream>
using namespace std;

int main() {
    int age;

    cout << "Enter your age: \n";
    cin >> age;

    if (age >= 18) {
        cout << "Adult.";
    } else {
        cout << "Not an adult.";
    }

    return 0;
}
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
PS C:\Users\LENOVO\Documents\School> cd "c:\Users\LENOVO\Documents\School\" ; if ($?) { g++ 5.cpp -o 5 } ; if ($?) { .\5 }
Enter your age:
20
Adult.
PS C:\Users\LENOVO\Documents\School>
```