Problem.

Write a program for the Air Force to label an aircraft as military or civilian. The program is to be given the plane's observed speed in km/h and its estimated length in meters. For planes traveling in excess of 1100 km/h, and longer than 52 meters, you should label tem as "civilian" aircraft, and shorter such as 500 km/h and 20 meters as "military" aircraft. For planes traveling at slower speeds, you will issue an "It's a bird" message.

Solution.

Code

```cpp
#include <iostream>

using namespace std;

int main() {
    float speed;
    float length;

    // Input
    cout << "Enter speed: ";
    cin >> speed;
    cout << "Enter length: ";
    cin >> length;

    if ((speed > 1100) && (length > 52)) {
        cout << "It is civil.";
    } else if ((speed > 500) && (length > 20)) {
        cout << "It is military.";
    } else if (speed <= 500) {
        cout << "It is bird.";
    }

    return 0;
}
```

Result

```
Enter speed: 750
Enter length: 24
It is military.
```