Deliv-e-droid

In the game, Deliv-e-droid, a robot droid has to deliver packages while avoiding obstacles.At the end of the game, the final score is calculated based on the following point system:

- Gain 50 points for every package delivered.
- Lose 10 points for every collision with an obstacle.
- Earn a bonus 500 points if the number of packages delivered is greater than the number of collisions with obstacles.
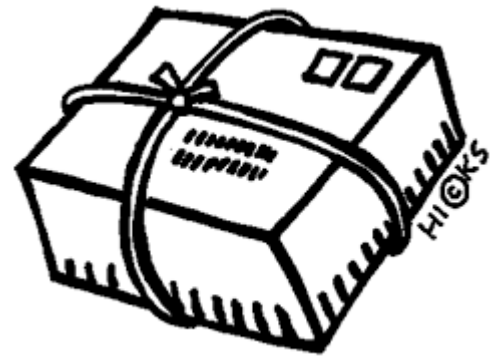
Your job is to determine the final score at the end of a game.

Sample Input 1:

```
How many packages delivered? 5
How many collisions? 2
You have earned 730 points.
```

Sample Input 2:

```
How many packages delivered? 0
How many collisions? 10
You have earned -100 points.
```

An online C++ compiler is found here: https://www.onlinegdb.com/online_c++_compiler

This is an example of a C++ program:

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

int main ()
{
    int package;
    cout << "How many packages delivered? ";
    cin >> package;

    if(package<3)
        cout << "Fewer than 3 packages";
}
```