

Code:

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

int main() {

    cout << "----- Welcome to the number guessing game -----"
    " << endl;

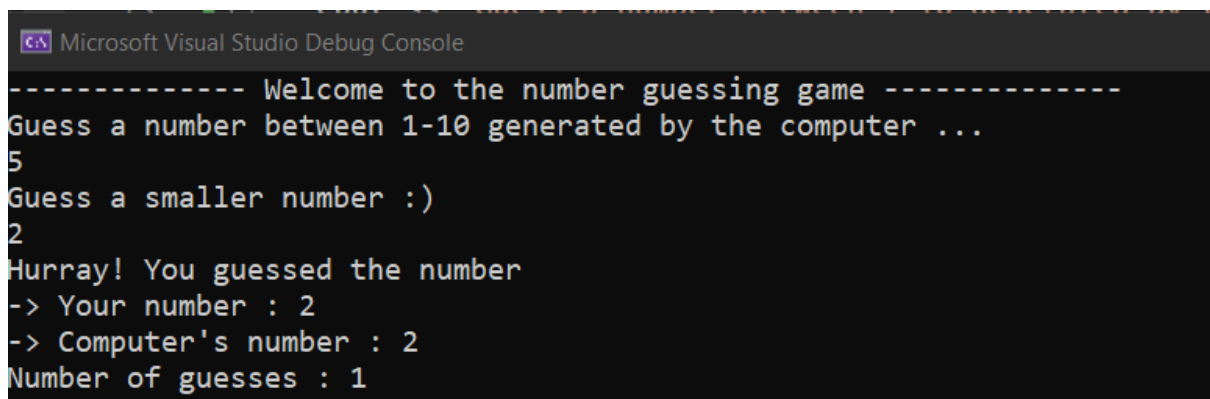
    int random = 1 + (rand() % 10);
    int guessedNumber;
    int guesses = 0;
    cout << "Guess a number between 1-10 generated by the computer ... " <<
endl;

    do {
        cin >> guessedNumber;
        if (guessedNumber < random) {
            cout << "Guess a bigger number :) " << endl;
            guesses++;
        }
        else if (guessedNumber > random) {
            cout << "Guess a smaller number :)" << endl;
            guesses++;
        }
    } while (random != guessedNumber);

    if (random == guessedNumber) {
        cout << "Hurray! You guessed the number " << endl
        << "-> Your number : " << guessedNumber << endl
        << "-> Computer's number : " << random << endl
        << "Number of guesses : " << guesses;
    }

    return 0;
}
```

Sample Output:



```
Microsoft Visual Studio Debug Console
----- Welcome to the number guessing game -----
Guess a number between 1-10 generated by the computer ...
5
Guess a smaller number :)
2
Hurray! You guessed the number
-> Your number : 2
-> Computer's number : 2
Number of guesses : 1
```