

The Number Game Project

Code:

```
#include <iostream>
#include <cstdlib>
#include <ctime>
using namespace std;
int main()
{
    srand(time(nullptr));
    int i;
    int UserInput;
    int ComNumber;
    int count=0;
    ComNumber = rand() % 100 +1;
    for(i=0; i<=10; i++)
    {
        cout << "\nPlease enter any number from 1 to 100." << endl;
        cin >> UserInput;
        if(UserInput > ComNumber)
        {
            cout << "Your Guess is High." << endl;
            count++;
        }
        else if(UserInput < ComNumber)
        {
            cout << "Your Guess is Low." << endl;
```

```
        count++;
    }
    else if(UserInput > 100 || UserInput < 1)
    {
        cout << "Please enter a number from 1 to 100. This was waste of a
chance." << endl;
        count++;
    }
    else
    {
        cout << "Congradulations. You have gussed the correct number." <<
endl;
        count++;
        cout << "You have used " << count << " chances."<< endl;
        break;
    }
}
return 0;
}
```

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