# Number Guessing Game

My project 1.

**This is Going to be Fun !**

**Problem :** we will write a program that Generate a random number and ask the Player to guess it .If the player guess is higher Than actual number, the program display "LOWER NUMBER PLEASE" similarly if the User's guess to low, the program prints "HIGHER NUMBER PLEASE".

When the user guesses the correct number, The program say "Congratulation!",guess is correct . Display the number of guesses the player used to arrive of the number.

**Solution :**

Hint: 1)using loop

2) use a random number generator

Program :-

Random Numbers Generator

```
#include <stdio.h>   [use for print]
#include <stdlib.h>  [Use for Random Number Generate]
#include <time.h>    [Use for time Define]

int number, guess, attempt = 1;
    Srand (time(0)); [Per Second generate a new number]
    number = rand ()% 100 +1; [generate random number 1 to 100]

    Printf ("The number is:%d", number);
                [show the generate random number].
```

Now Using Loop

// Keep running loop until the number is guessed.

Using Do while loop

```
do{
Printf (" Guess the number between 1 to 100 \n");
 Scanf ("%d ", &guess);
} while( );
```

[Random Number Generator generate a number than you find the number in 1 to 100]

If you guess the higher than actual number

```
if ( guess > number) {
Printf ("LOWER NUMBER PLEASE ! /n ");
}
```

Similarly you guess is too low

```
} else if (guess< number) {
Printf ("Higher Number Please ! /n");
}
```

When the user guess the correct number

```
else {
Printf (" you guessed it in %d Attempt /n",
                                attempt);
}
attempt ++ ; [++ is a operator]
```

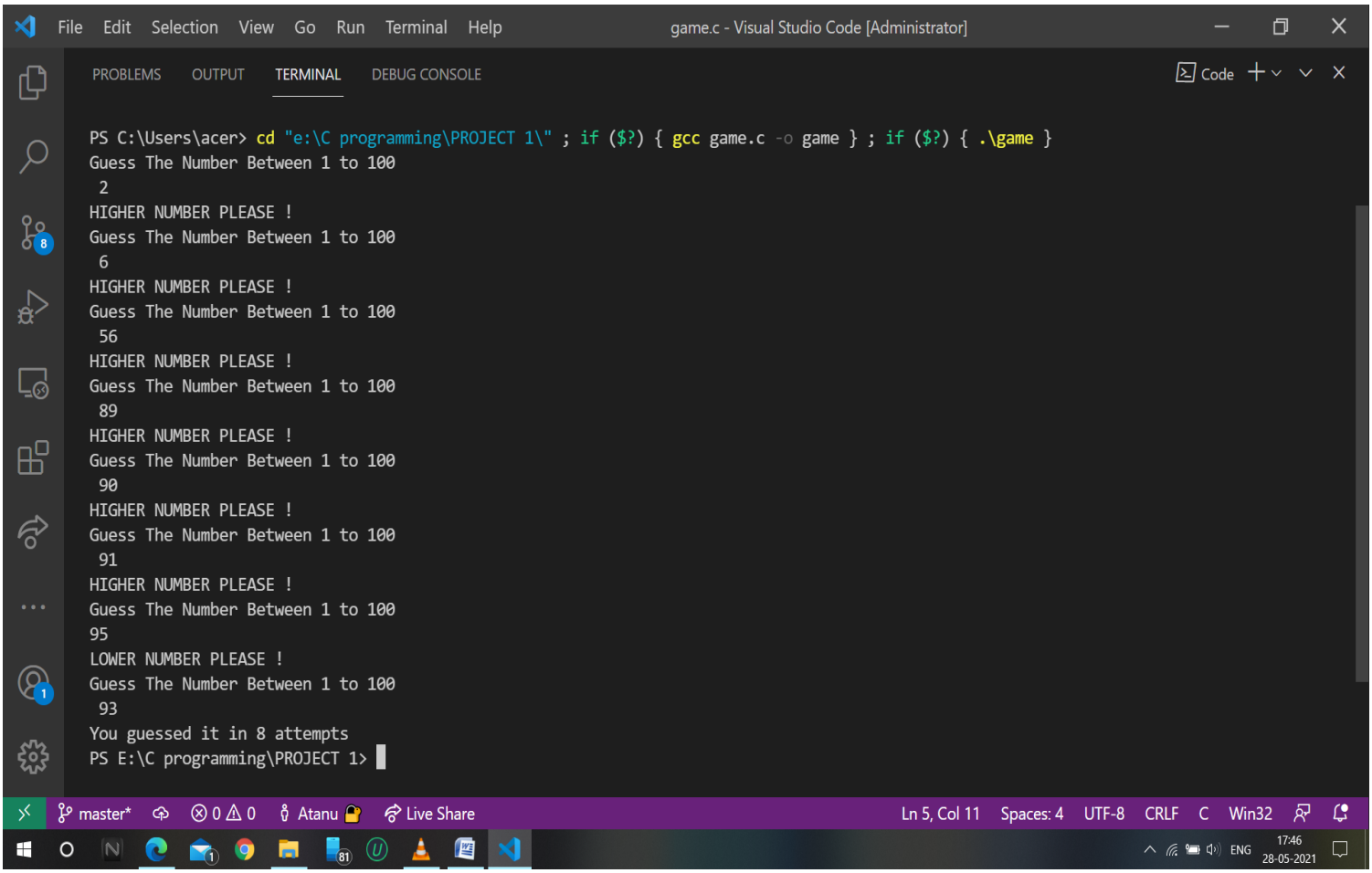
Than Our Condition

```
While (guess != number);
```

Finaly Match your input number and Random generate number than exit than Condetion.

**Play :**

#hide the gussing number : this is interesting game just play one time



#show the gussing number : this is not interesting ..