

## Answer on Question #44892, Programming, C

### Problem.

write a c program magic game the game gives a user one chance to choose a number which is known only by the system the system must display "hurray,you won \$1000" IF THE NUMBER GUESSED BY THE USER IS CORRECT ELSE MUST DISPLAY " INCORRECT ,BETTER LUCK NEXT TIME"?

### Solution.

#### Code

```
#include <stdio.h>
#include <stdlib.h> // for rand()
#include <time.h>   // for srand()

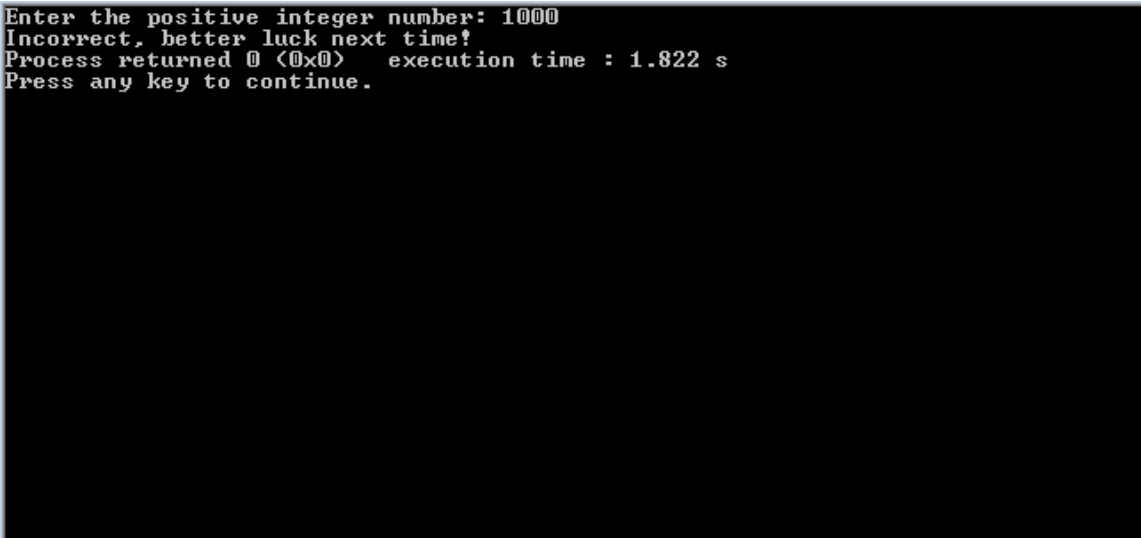
int main() {
    int usrNum, sysNum;

    srand(time(NULL)); // for different values of rand()
    sysNum = rand();    // system number

    printf("Enter the positive integer number: ");
    scanf("%d", &usrNum); // user number

    if (usrNum == sysNum) {
        printf("Hurray, you won $1000!");
    } else {
        printf("Incorrect, better luck next time!");
    }
    return 0;
}
```

#### Result



```
Enter the positive integer number: 1000
Incorrect, better luck next time!
Process returned 0 (0x0)   execution time : 1.822 s
Press any key to continue.
```