

## CECS 100 Section 15 - Lab Assignment # 10 (15 Points)

Due Friday, October 25 at beginning of class

Demo program in Lab

### Random Number Guessing Game

Write a program that generates a random number in the range of 1 through 100, asks the user to guess what the number is. If the user's guess is higher than the random number, the program should display "***Too high, try again.***" If the user's guess is lower than the random number, the program should display "***Too low, try again.***" If the user guesses the number, the application should display "***Congratulations!!!***" and generate a new random number so the game can automatically start over.

### Note:

- You must use functions. Your code must have a main() and at least two other functions.

CECS 100 Section 15 - Lab Assignment # 10 Extra Credit (5 Points)  
Due Friday, October 25 at beginning of class  
Demo program in Lab

## Random Number Guessing Game

Enhance the game so it keeps count of the number of guesses that the user makes. When the user correctly guesses the random number, the program should display the number of guesses.

You must include the correct answer in the number of guesses.

### Hint:

- Use a **counter** to keep track of the number of guesses.