ENGR 102 – Fall 2022
Lab: Topic 10 (individual)
Assigned 10/31 Due is 11/7

<u>**Deliverables:**</u>
There is only one deliverable for this assignment. Please submit the following file to zyBooks:

- `guessing_game.py   10.14   12 points= 100%`

<u>**Activity #1**</u>**: Guessing game – individual**
Write a python program named guessing_game.py to play a number guessing game. Have your program display a short message with instructions, then continually prompt the user to guess a number. With each wrong guess, let the user know if their guess is too high or too low. When the user correctly guesses the number, output the total number of guesses made. **Write your program using at least two (2) functions and a try-except statement.** For the purposes of autograding, make your secret number 26, and use the example output below for the text.

Example output:
```
Guess the secret number! Hint: it's an integer between 1 and 100...
What is your guess? 50
Too high!
What is your guess? 12
Too low!
What is your guess? 0.5
Bad input! Try again: 26
You guessed it! It took you 3 guesses.
```