**ONLY DO ONE FOR ASSIGN 3**

**Random Number Guessing Game**

**Save your program as your\_name\_u3\_assign\_3a**

In this assignment, you are to create a random number guessing game. Create your pseudocode or flowchart before starting to create your program.

**Program Requirements:**

* user is asked to “guess a number between 1 and 10”
* you must use a loop in your program
* the user only gets three attempts at the right number; after three attempts, the program ends with a message saying, “Game over!”
* If the user guesses the correct number then it should tell them how many attempts they took.
* the output responses are “You’re too high; try again!”, “You’re too low; try again!”, “You’ve nailed it in \_\_\_\_ tries!”.
* Use comments to explain your code.

Rubric

Pseudocode/FlowChart /5

Keep track of trials /5

Correct use of loops /5

Messages /5

Comments /5

Sample input/output

