CSCI 127, First Practicum – October 4, 2019

Name _____

Question One. 50 points. Complete the Python function below. You may assume that when the function is called, e.g. **grocery_bill("town-and-country.in")**, that the specified file ("town-and-country.in") exists and is in the same directory as the Python program. Furthermore, you can assume that the file will contain an unknown number of floating point numbers, one per line. Each number (e.g. 4.79) represents the cost of an item that was purchased at the grocery. The function should calculate the total grocery bill and print a message that matches the format of this sample output message:

The total bill = $12.99

def grocery_bill (file_name):

Question Two. 50 points. Program 2 evaluated 5-card poker hands. For this question, consider evaluating an n-card poker hand where n can be any integer that is one or greater. Define a **general flush** to be any n-card hand where every card contains the same suit. Complete the Boolean function below to return whether parameter *cards* is a **general flush**. For example,

- general_flush([[3, "hearts"]]) returns True
- general_flush([[3, "hearts"], [9, "hearts"], [6, "hearts"]]) returns True
- general_flush([[3, "hearts"], [9, "spades"]]) returns False

def general_flush(cards):