LAB 01

SUBMISSION INSTRUCTIONS

Submit 1 python file using the naming convention below (replace JaneDoe with your first and last name respectively):

- JaneDoe1.py

QUESTION

1. Write a program that tallies the votes of different candidates. It should have the functions below:

   a. def vote_menu(): This function should display the vote menu and return the response selected by the user to the main function. It should contain logic to account for invalid response input.
   Please note: Use the function name provided. The function should have no parameters and must return a string value.

   b. def candidate_menu(): This function should display the candidate menu and return the response selected by the user to the main function. It should contain logic to account for invalid response input.
   Please note: Use the function name provided. The function should have no parameters and must return a numeric value.

   c. def main(): This function is responsible for keeping track of the vote count and displaying the final output.
   Please note: Use the function name provided. The function should have no parameters and must return no value.

   d. You are free to use more functions than those listed. Use the sample output to guide you on the program logic.

   Please note:

   - Strip your string input and make sure you are accounting for upper- and lower-case input.
   - Don't use global variables.
   - Your program should work as shown in the sample output scenarios below (i.e., don't change the menu items or how the prompts are displayed and use the same names as shown in the sample output).

SAMPLE OUTPUT 1

```
----------------------------------
VOTE MENU
----------------------------------
v: Vote
x: Exit
Option: x
--------------------------------------------------------
```

Bianca – 0, Edward – 0, Felicia – 0, Total – 0

SAMPLE OUTPUT 2

```
---------------------------------
VOTE MENU
---------------------------------
v: Vote
x: Exit
Option: q
Invalid (v/x): w
Invalid (v/x): v
---------------------------------
CANDIDATE MENU
---------------------------------
1: Bianca
2: Edward
3: Felicia
Candidate: 0
Invalid (1/2/3): 4
Invalid (1/2/3): 1
Voted Bianca
---------------------------------
VOTE MENU
---------------------------------
v: Vote
x: Exit
Option: V
---------------------------------
CANDIDATE MENU
---------------------------------
1: Bianca
2: Edward
3: Felicia
Candidate: 2
Voted Edward
```

```
---------------------------------
VOTE MENU
---------------------------------
v: Vote
x: Exit
Option:      V
---------------------------------
CANDIDATE MENU
---------------------------------
1: Bianca
2: Edward
3: Felicia
Candidate:       3
Voted Felicia
---------------------------------
VOTE MENU
---------------------------------
v: Vote
x: Exit
Option: v
---------------------------------
CANDIDATE MENU
---------------------------------
1: Cameron
2: Allison
3: Diego
Candidate:       3
Voted Felicia
---------------------------------
VOTE MENU
---------------------------------
v: Vote
x: Exit
Option:      X
-------------------------------------------------------
Bianca – 1, Edward – 1, Felicia – 2, Total – 4
-------------------------------------------------------
```