CSULB
Project 3

Goal: practice the use of loops, and conditional statements.

Modify project 2 to use loops.
Modify your code to add an account number, request personal information (name, address, phone number) and produce (and output) a bill.
Your code should perform multiple calculations for different customers, until the user choses to exit.

- When you get a valid character entry, you should request the personal information for the user (residential, commercial, or industrial)
- You should repeat to take entry from the user for a new customer, until the user choses to exit.
- Validate all your entries.
    - If the user will enter a character that other than r, c, or t. The code will output an error message and shows the menu and request a new entry. This process should repeat until the user enter a valid character.
    - Do the same thing with numbers, if it should be within a range and/or positive then the user should be prompted to enter another value.
- For the account number, start with a randomly generated number between 1000 and 9000. Then increment it for every new customer.
- Modify your output to look like a real bill, with your company's name and customer's information.

The code should repeat by answering a question do you want to perform new calculation. Accept y or n using any combination (upper or lower).

Your output can be the same as project2, except when the user enters an invalid entry, then you should output an error message and ask the user to enter the value again, that should repeat until the user enters a valid entry. Then you move to the next step. When the calculation is over, output the results and ask the user if they would like to run the code again, if the user enters y then you run it again. Exit otherwise. And your output should be like a bill (you design any way you want it and billing the person and/or the company)

Work with your same group as project 2.
No need for project report submission this time, just submit a copy of your code, with a screenshot of your output by the due date/time. Demonstrate you project to your lab instructor, on the lab meeting after the due date.
Submit the project conclusion quiz.