I am sharing the assignments to practice the things we learned in the class#1.

1. While loop problems:
   a) Write a program to print first 10 integers and their squares using while loop;
   b) Write a program to print the first 10 natural numbers in reverse order using while loop;
   c) Write a program to compute the sum of numbers until a user types zero;
   d) Write a program to compute several inputs from a user and display the largest and smallest values;
   e) Write a program to compute several inputs from a user and display the mean value of the inputted values.

2. For loop problems:
   a) Write a program to display numbers from -10 to -1 using for loop;
   b) Write a program to accept a number from a user and calculate the sum of all numbers from 1 to a given number;
   c) Write a program to print all prime numbers between 50 and 100;
   d) Write a program to print the first 15 Fibonacci sequence;
   e) Write a program that computes the factorial of 7 (or any given input integer from a user).

3. List/dictionary problems:
   a) Write a program to create a list from elements of a range from 10 to 50 with a step of 5 using list comprehension;
   b) Write a program to create a list that contains squares of the list from 4.a) using list comprehension;
   c) Write a program that to create a list that contains elements greater than 100 of the list from 4.b) using list comprehension;
   d) Given dictionary is consisted of vehicles and their weights in kilograms. di = {"Sedan": 1500, "SUV": 2000, "Pickup": 2500, "Minivan": 1600, "Van": 2400, "Semi": 13600, "Bicycle": 7, "Motorcycle": 110}.
      Create a list of the names of vehicles with weight below 5000 kgs. Create a list of the values that are larger than 2000 kgs.
   e) In the same list comprehension make the key names all upper case.

After completing, please, upload your scripts to the GitHub repo. I will create a new folder for the assignment #1.