

I am sharing the assignments to practice the things we learned in the class#2.

1. If/elif/else problems:
  - a) Write a program to print the last digit of a number;
  - b) Write a program that converts kg to pound and pound to kg;
  - c) Write a program that converts Celsius to Fahrenheit and vice versa;
  - d) Write a program that checks whether a year is leap year or not;
  - e) Write a program to find the largest number of two numbers accepted from a user (use python function input to get input from a user);
  - f) Write a program that represents score (0~100) of a student when the student inputs its exam score (A+ ~ F).
2. 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 #2.**