**Assignment-1**

√ 1. Create a list comprising the names of four of your friends and name it suitably

√ 2. Refer to 1 and create a tuple

√ 3. Create a list having your name, age, gender, and grade in first sem

√ 4. Refer to Q 1. Add the name of another friend of yours

√ 5. Refer to Q1. change third entry by name of some other friend

√ 6. Create an array of ten random integers between 20 and 50. Name it Arr

7. For Arr, determine the following:

√ a. mean

√ b. square of all the numbers in Arr

√ c. square root of all the numbers

√ d. log (base 10) and (base e) of all the numbers in Arr

√ 8. Demonstrate the use of power function in 'Numpy'

9. Create a dataframe in python using:

√ a. list

√ b. dictionary

10. Import an excel file (.xlsx type) and display first five rows

11. Import a csv file(.csv type) and display last three rows

12. Print "my name is \_\_" five times using: a. for loop b. while loop

13. Create a formula for calculating simple interest (SI) using: input, def, and lambda