

## Python Lab 2

1. Write a Program that takes a list of 5 numbers [3,6,4,0,8] then
  - a. Remove the last element in the list .
  - b. Add in the second place 'R'.
  - c. Ask the user to input a specific number in the list then delete it { by taking the list element not index}.
2. Create 2 dictionaries and append the two in one .{take into consideration unique keys }
3. Write a Python program to read a file line by line and store it into a list.
4. Add to problem#2 list yourname then Write the list to a new File .
5. Create package directory called Calculator and add file called my\_functions that have the following function
  - a. Sum Function
  - b. Subtract Function
  - c. Divide Function
  - d. Multiply Function

6. Use the created Package in python code that takes input operand from User : 0->sum , 1->subtract , 2->divide , 3 ->Multiple.
- a. If one of the two numbers is zero and operand is subtract raise Value Error with message “ subtracting zero from Number “.
  - b. If one of the two numbers is zero and operand is divide raise Zero division Error with message “ can’t divide with zero “.
  - c. If one of the two numbers is zero and operand is Multiply raise Value Error with message “ Multiply with Zero “.