

## **Module 1: 00Ps with Python Assignment-1**

## **Problem Statement:**

Consider yourself to be Sam who is software engineer. He has been to build an employee management app. You have to use OOP concepts to build a few classes as outline in the steps below.

## Tasks to be performed:

- 1. Create a class names Employee, with a constructor '\_\_init\_\_' method that accepts name and salary as parameters and set properties named name and salary.
- 2. Define \_\_str\_\_ method in Employee class so that when someone tries to print the object the string Name: employee\_name, Salary: employee\_salary is printed with the actual employee name and salary.
- 3. Create another class named Calculator, with methods to add, subtract, multiply and divide two numbers.
- 4. These methods take two numbers as parameters.
- 5. These methods will be called by method named execute command.
- Execute command takes in 3 parameters command which is string that can be either 'add', 'sub',
  'mul', 'div', and two numbers and it will call the appropriate method based on command
  parameter.