Assignment :1

1. Write a python program to create a module named "**calculator**" that contains the functions that perform the arithmetic operations like addition,subtraction,multiplication and division of two variables.Use all the functions of this module in another file.

2. Write a python program to create a class **Employee** that has following properties:
   Attributes : emp_id, name, salary, date_of_join
   Actions : getEmployee(), showEmployee()
   getEmployee() method take the values of all the attributes from user and
   showEmployee() method will list the details of the employee.

3. Create a class **Drawing** that has *width* & *length* as attributes, ***getdata()* & *putdata()*** as actions. Create class **Rect** that inherits **Drawing** class. Create an object of **Ract** class & access the methods of **Drawing** class.

4. Create a class **GrandM** that has ***height* & *color*** as attributes & actions to get & display it. Create a class **Mother** that has ***eyecolor*** as attributes & actions to get & display it. **Mother** class will inherit the **GrandM** class. Create a class **Daughter** that inherits the **Mother** class. Create an object of the Daughter class and then access the method of **GrandM** & **Mother** class.

5. Define a class **Human** having attributes **firstname, lastname** and **gender**. Define two actions **input_Human()** and **display_Human()** to accept and display values.
   Define derived class **Employee** having attributes **company** and **level**. Define two actions **input_emp()** and **display_emp()** to accept and display values.Create objects and demonstrate.

6. Write a python program to override the super class method in subclass.