**ASSIGNMENT-8**

**Classes and Modules I**

Let’s have some fun with classes and objects.

1. Create a circle class and initialize it with radius. Make two methods getArea and getCircumference inside this class.
2. Create a Student class and initialize it with name and roll number. Make methods to :

* Display - It should display all informations of the student.

3. Create a Temprature class. Make two methods :

* convertFahrenheit - It will take celsius and will print it into Fahrenheit.
* convertCelsius - It will take Fahrenheit and will convert it into Celsius.

\*\* 4. Create a class MovieDetails and initialize it with Movie name , artistname,Year of release and ratings.

Make methods to

* Display-Display the details.
* Update- Update the movie details.

5. Create a class Expenditure and initialize it with expenditure,savings.Make the following methods.

* Display expenditure and savings
* Calculate total salary
* Display salary