**ACTIVITY 2: OOP**

**INSTRUCTION:**

1. Create an Employee class that contains the following:

* **Declare the following properties/attribute:**
* Name
* Gender
* Bdate
* Position
* Rate
* Dayswork
* **Create a constructor (\_\_init\_\_) with parameters that will initialize all properties.**
* Create a **setter** and **getter** methods (encapsulation) for each property.
* **Create the following methods:**

**getGross ():**

gross = dayswork \* rate

**getSSS() :**

if gross salary is:

500 - < 10,000

1,000 – 10000 to 20000

Otherwise 1,500

**getTax():**

if gross salary is:

0 - < 10,000

10% of gross – 10,0000 to less than 20000

20% of gross – 20,000 to 30,000

otherwise 25% of gross

**getNetSalary():**

net = gross – sss- tax

**getEmployeeDetails ()**

Display the following:

Name : \_\_

Gender: \_\_

Birth Date: \_\_

Position: \_\_

1. Create a main program that will accept input for employee name, gender, bdate, position, rate, and days work. Use the class to declare an object and use the methods to compute the gross salary, sss, tax, and net salary. Display the employee details and the computed gross, tax, sss, and net salary.
2. Submit your solution in Jupyter Notebook (.ipybn) or Python (.py) file.

**SAMPLE OUTPUT:**

Enter Employee Name: Juan Dela Cruz

Enter Gender (M/F): M

Enter Birth Date: February 10, 1980

Enter Position: Full-Stack Developer

Enter Rate per day: 2000

Enter Days Worked: 25

Employee Details:

Name: Juan Dela Cruz

Gender: M

Birth Date: February 10, 1980

Position: Full-Stack Developer

Salary Details:

Gross Salary: P 50,000.00

SSS: P 1,500.00

Tax: P 12,500.00

Net Salary: P 36,000.00