Lab Assignment 05

2021 – 2022 Spring, CMPE 114/211 Fundamentals of Programming II

Q1. Create an "*EmployeeBeing*" class. This class must include a "*name*" variable for storing the name (several characters), a "*salary*" variable for storing the salary (e.g. 2000) and a "*dailyStep*" variable for storing number of daily steps of an employee. All these variables must not be accessed directly by the objects created from this class. The class implements "*Behavior*" interface including the following methods:

```java
public String tellName();          // returns the name
public int tellSalary();           // returns the salary
public int step(int actualDailyStep); // adds the parameter to dailyStep
```

Examine the following, "*Main*" driver class and its "*main*" method. You must define the methods and variables of the "*EmployeeBeing*" class according to these and sample output. Please be careful that, "*getNumberEmployee()*" method returns the total number of objects created from the "*EmployeeBeing*" class.

```java
public class Main {
    public static void main(String[] args) {
        EmployeeBeing murat = new EmployeeBeing("murat",2000);
        murat.step(3000);
        System.out.println(murat);

        EmployeeBeing kazim = new EmployeeBeing("kazim",3000);
        System.out.println(kazim);

    System.out.println("Employee Population : "+ EmployeeBeing.getNumberEmployee());
    }
}
```

Sample Output:

```
Name : murat, Salary : 2000, Step : 3000
Name : kazim, Salary : 3000, Step : 0
Employee Population : 2
```