

Programing(Java 1) 1 Assignment 2

Due Date: Check on the Google classroom

Utilize `Scanner` to take input from user and use Arithmetic operator to complete question 1:

1. Create a Java project called assignment2

- a. Create package called `ass1`
- b. Create a Java class called `ArithmeticOperation` and `main` method.
- c. Consider a scanner object `Scanner scan = new Scanner(System.in);`
- d. Prompt the user to enter a value `System.out.print("Enter num 1:");`
- e. Create a variable called `num1` and store the number entered by the user(you) like so; `int num1 = scan.nextInt();`.
- f. Create another variable called `num2` and repeat the same process in `e`.
- g. Declare five variables of type `int` namely `addition`, `subtraction`, `multiplication`, `division`, and `modules`. Assign each variable with an arithmetic expression using `num1` and `num2`. The name of the variable determine the arithmetic operator you will use in your arithmetic expression.
- h. Your program output:

```
3 + 5 = 8
```

2. Imagine you are given a task as a programmer to print employee details:

Employee Detail:

Emp ID: 2024-9343

Emp Name: Lamin Bah

Emp Department: HR

Emp Salary: 16000.0

Create a package called `ass2`, a class with a name of `EmployeeDetail` and a main method. The `Emp ID` value `2024-` is hardcoded but `9343` is generated using `Random` class. Consider using `Random` class and append it to `Emp ID` using concatenation technique.

3. Create a package called `ass3` and Java class called `ComparisonOperators`. Using the code snippet `System.out.println("2 > 3: " +(2 > 3));` as example. Provide print statements for all of the comparison operators with any desire numbers.

Happy coding!