Lab 2

Create a new Eclipse project named YourStudentId_Lab2 and add a class named Lab2 to the project.

1. Write a program that prompts the user for two integers and then print the **sum**, the **multiplication**, the **average**, and the **maximum** :
    a. Declare **num1**, and **num2** variable.
    b. Display " **Please input two number(use space to split):** " on the console to remind the user to enter the number.
    c. Use the **Scanner** object to read the input content and assign the object to **numScanner.**
    a. Use **nextInt()** method to initialize the variable **a, b** with the numbers entered by the user.
    d. Calculate and print the following results on the console.

Sample output: (the green one is user input)

```
Please input two number(use space to split): 12 32
Sum: 44
Mul: 384
Avg: 14.00
Max: 32
```

2. (1) Declare a String variable(**fullName**) to store your full name (your first name and last name).
    (2) Print full name with the length
    (3) Use **substring** to get your last name from **fullName** and print it.

Sample output:

```
Alston Yang 11
Yang
```

3. Use variables declared in Question1 to confirm whether the x and y variables are odd or even, and print corresponding messages based on the following four conditions:

Sample output:

	Input value	Output
	Input value	Output
Case 1	num1 = 1, num2 = 3	Both num1 and num2 are odd.
Case 2	num1 = 2, num2 = 4	Both num1 and num2 are even.
Case 3	num1 = 1, num2 = 2	num1 is odd, num2 is even.
Case 4	num1 = 2, num2 = 1	num1 is even, num2 is odd.

Submission: Submit your project as "zip (or rar) file" via Moodle. No other submissions will be graded.

Reminder: Please zip the whole project

Deadline: Tomorrow's midnight (for both Mon56 and Tue23)