

Mathematical Science Discovery Week

Computer Science Day

Exercise 1

Task 1 – Get to know your teammates =)

Introduce yourself to the team.

Task 2 – Simple Print

Let's start with a simple task. Write a program that can print out the following message:

```
Hello World!
```

Note: If you have problems running Python on your computer, make sure to let TAs know about it.

Task 3 – Print Welcome Message with User Name

Write a program that asks users to enter their names, then print out a welcome message.

```
Please enter your name: Terry [enter]  
Hello Terry, welcome to the class!
```

Note 1: The "Terry" in the above sample should be entered by the user.

Note 2: Of course, if the user enters "superman 2020", the output will be "Hello superman 2020..."

Note 3: The "[enter]" is the action after the user typed in their name. It is NOT a part of the output.

Task 4 – Simple Multiplication Program

Write a program that asks user to enter two integers, then prints out the product of those two integers.

```
Please enter the first integer: 100 [enter]  
Please enter the second integer: 300 [enter]  
The product of 100 and 300 is 30000 .
```

Note: Similar to task 3, the user can enter any number they want. Your program should make the multiplication and print out the result.

Task 5– Average of Ten Numbers

Write a program that asks user to enter 10 integers, then prints out the average of those integers.

```
Please enter integer #1: 23 [enter]
Please enter integer #2: 55 [enter]
Please enter integer #3: 65 [enter]
Please enter integer #4: 88 [enter]
Please enter integer #5: 100 [enter]
Please enter integer #6: 334 [enter]
Please enter integer #7: 23 [enter]
Please enter integer #8: 16 [enter]
Please enter integer #9: 7 [enter]
Please enter integer #10: 0 [enter]
```

```
The average of the above numbers is 71.1 .
```