

INTRODUCTION TO PROGRAMMING

PROJECT 1

Create and run a script that does the following:

- Create four variables (two string and two integer) that will get their values from the keyboard using the input statement. Example:
 - `string1 = input("Please enter a string value: ")`
 - `Integer1 = int(input("Please enter an integer value: "))`
- Two variables will use string values, concatenate them and print the output to the screen. Example: `print(string1 + string2)`
- The other two variables will take integer values that you will create two outputs for. One having the sum and another the multiplied value. Example: `print("The sum of ", integer1, " and ", integer2, " is: ", integer1 + integer2)`
- In a single print statement, specify the length of each string variable.
- In a single print statement, specify the data type of each of the four variables.
- Use a print statement to specify whether or not (True or False) integer1 is greater than integer2.
- Create a dictionary data type with two keys. FirstName and LastName. Assign your first name and last name to each key.
- Use a print statement to print only the keys.
- Use a print statement to print only the values.
- Run your project and save it with the name `project1_1.py` or `project1_1.ipynb`. Keep a copy in the `C:\Labfiles\Projects` folder if you are using a computer. If not create a projects folder on your Azure cloud drive and save this and your future projects there.

Write Program for the following given scenarios

Program 1: Write a program that uses input to prompt a user for their name and then welcomes them.

```
Enter your name: Chuck
Hello Chuck
```

Program 2: Write a program to prompt the user for hours and rate per hour to compute gross pay.

```
Enter Hours: 35
Enter Rate: 2.75
Pay: 96.25
```