



The University Of Mirpurkhas

PITP Homework Questions (25-09-2025)

1. Variables

1. Store your **city** and **country** in variables and print them together.
2. Store two numbers in variables and print their **sum, difference, product, and quotient**.
3. Make variables for your **favorite movie, favorite actor, and rating (out of 10)** and display them in one sentence.

2. Data Types (int, float, str, bool)

1. Create a program that asks for your **name (string), age (integer), height (float)**, and whether you are a **student (boolean)**. Print all values with their types.
2. Predict the output of:
 - `print(type(3.0))`
 - `print(type("3"))`

3. Type Conversion

1. Take user input of **two numbers (as strings)** and convert them into integers to add.
2. Write a program that converts a **float number** into **integer** and **string**. Print all results.

4. Basic Operators

1. Ask the user for **two numbers** and show:
 - Addition
 - Subtraction



- Multiplication
 - Division
 - Modulus
2. Write a program to calculate the **area of a rectangle** ($\text{length} \times \text{width}$).

5. Input/Output

1. Take user input of **name, age, and favorite color**. Print them in a sentence.
2. Ask the user for **two numbers** and print both the **average** and **difference**.
3. Create a small “**Introduction Form**” that asks for:
 - Name
 - Class
 - University
 - HobbyAnd prints them nicely.