

COMBINED PYTHON EXERCISES (10 QUESTIONS)

QUESTION 1: PERSONAL INFORMATION

Create variables for your name, age, and city, then print them in one sentence.

QUESTION 2: MULTIPLE ASSIGNMENT

Assign the same value to three variables (x, y, z) in one line and print all.

QUESTION 3: DATA TYPES

Create one variable for each data type: int, float, string, boolean, complex, then print their values and types.

QUESTION 4: USER INPUT AND ARITHMETIC OPERATIONS

Ask the user to input two numbers and print their sum, difference, multiplication, and division.

Note: The user will be prompted to enter numbers. The output will vary based on input.

QUESTION 5: COMBINING NAMES WITH F-STRING

Create first_name and last_name variables, then combine them into full_name using an f-string.

QUESTION 6: VARIABLE VALUE CHANGE

Create a variable price = 250. Change its value later to 300 and print both values (Before & After).

QUESTION 7: TYPE CONVERSION

Convert a value: float to integer, and integer to string. Print both results and their data types.

QUESTION 8: CONSTANT VARIABLE

Create a constant variable (GRAVITY = 9.81) and print: "The gravity constant is: 9.81".

QUESTION 9: MARKS CALCULATION

Ask the user for marks of 3 subjects, calculate and print the total marks and average marks.

Note: The user will be prompted to enter marks. The output will vary based on input.

QUESTION 10: CONDITIONAL LOGIC (WEATHER)

Write a program that prints a message based on the variables: `is_raining` and `have_umbrella`.

Note: The message printed will depend on the boolean values of `is_raining` and `have_umbrella`.
