



Python Programming

Assignment 02 Rehman

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Question No 01: Variables and Data Types Problem:

Write a Python program that:

- 1. Accepts a string, an integer, a float, and a boolean from the user.
- 2. Initializes variables for each type, and prints them out.
- 3. Convert the string to uppercase and print it.
- 4. Check if the integer is even or odd and print the result.
- 5. Multiply the float by 2 and print the result. **Answer:**

Code/Output:

Question No 02: Operators Problem:

Write a Python program that:

- 1. Accepts two numbers as input from the user.
- 2. Performs and prints the result of all the arithmetic operations (addition, subtraction, multiplication, division, modulus, flow division) between these two numbers.

- 3. Use comparison operators to check if the first number is greater than the second, and if they are equal.
- 4. Use logical operators to combine two conditions (e.g., the first number is greater than the second, and the second number is less than 10).

Answer:

Code/Output:

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Question No 03: Loops Problem:

Write a Python program that:

- 1. Accepts a list of integers from the user.
- 2. Loops through the list and prints out each number.
- 3. If a number is greater than 10, skip it using the continue statement.
- 4. Stop the loop if the number is 20 using the break statement.
- 5. After the loop ends, print a message that the loop ended naturally.

Answer:

Code/Output: