**Programming Concepts Assignment**

\***Objective**:\* To reinforce understanding of programming concepts including data types, increment/decrement operators, logical operators, equality operators, and relational operators.

**Instructions**:

**1. \*Data Types Exploration\*:**

- Define variables with the following names and assign appropriate values to them: String, var, dynamic, int, double, num and bool.

- Print the value of each variable.

**2. \*Increment and Decrement Operations\*:**

- Initialize an integer variable counter with any value.

- Use increment and decrement operators to modify the value of counter.

- Print the value of counter after each operation.

**3. \*Logical Operator Exercises\*:**

- Create boolean variables isTrue and isFalse and assign them appropriate boolean values.

- Use logical AND (&&), OR (||), and NOT (!) operators with these variables.

- Print the results of each operation.

**4. \*Equality and Relational Operator Exercises\*:**

- Create integer variables a and b with different values.

- Use equality (==, !=) and relational (>, <, >=, <=) operators to compare these variables.

- Print the results of each comparison.

**Submission:**

- Write your code in Dart.

- Ensure your code is well-commented.

- Submit your .dart file

- Before Next Lecture

\*Note\*: Encourage students to test their code and explore variations of the provided exercises.