

Basic Task

1. Write Your First Dart Program (Basic Dart Syntax)

Question: Write a Dart program that prints the message "Welcome to Dart Programming!" to the console.

Expected Output:

```
Welcome to Dart Programming!
```

2. Dart Variables

Question: Declare and initialize variables for the following:

1. A string variable `name` with the value "John Doe".
2. An integer variable `age` with the value `30`.
3. A Boolean variable `isStudent` with the value `true`.

Task: Print the values of all three variables in the format: "Name: John Doe, Age: 30, Is Student: true".

3. Dart Keywords & Syntax

Question: What is the difference between `final` and `const` in Dart? Write an example to show how they are used.

4. Dart Data Types

Question: Given the following data types in Dart: `int`, `double`, `String`, `bool`, `List`, and `Map`, fill in the blanks with the correct type:

```
___ name = "Alice";  
___ age = 25;  
___ height = 5.7;  
___ isEmployed = false;  
___ fruits = ["Apple", "Banana", "Orange"];  
___ scores = {"Alice": 90, "Bob": 85};
```

Task: Correctly declare and initialize the variables using the appropriate Dart data types.