Assignment

Aryan Faldu

Q1) Explain the fundamental data types in Dart (int, double, String, List, Map, etc.) and their uses.

Ans – INT – int supports only Numerical Value(1,2)

DOUBLE – double support numerical Value (1.5,2.5)

STRING – string is use for Characters

LIST – list is use for list name in one sequence

MAP – map is use for collect value

Q2) Describe control structures in Dart with examples of if, else, for, while, and switch.

ANS - IF ELSE - its condition either this or that

FOR – For is loop

WHILE – while is also loop

SWITCH – is a case if you chose 1 then 1 text print

Q3) Explain object-oriented programming concepts in Dart, such as classes, inheritance,

polymorphism, and interfaces

ANS - Dart is object oriented Programming language its supports

CLASS - Collections of objects

INHERITANCE – all behavior of parent class take by child class

POLYMORPHISM – many ways to perform anything

INHERITANCE - Single , Multilevel , Multiple , Hierarchical , Hybrid

Q4) Describe asynchronous programming in Dart, including Future, async, await, and Stream.

ANS - asynchronous programming is wait until program run ,in this you add delay and time to run program