Task:

1-Ternary operator in dart

- The ternary **operator** is a compact way to write simple conditional expressions instead of a full if-else

condition ? expressionWhenTrue : expressionWhenFalse;

- condition: a Boolean expression.

-If condition is true, the result of the entire expression is expressionWhenTrue.

-If condition is false, the result is expressionWhenFalse

2- what is a programming paradigm:

A **programming paradigm** is a general style of programming—an approach that guides *how* you structure programs, think about problems, and design solutions. Paradigms define the fundamental building blocks of programs (such as functions, objects, or logical rules) and influence how developers model computation.

Common examples include:

- **Imperative paradigm** – Programs are sequences of commands that change program state.

- **Object-oriented paradigm** – Programs are built from interacting objects that bundle data and behavior.

- **Functional paradigm** – Computation is expressed through functions without changing state.

- **Logical paradigm** – Programs describe rules and relationships, and the system derives answers through logic.