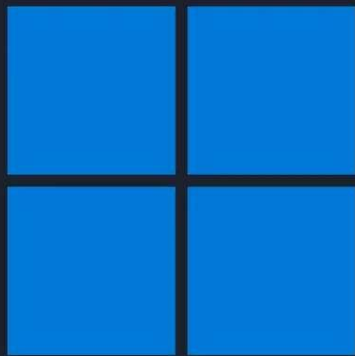# Dart Programming Language 2

By : Asst.Lect Mohammad Baqer Haleem

VI. Enumeration 🥇🥈🥉

In Dart, enum is a special data type that represents a group of related constants. An enum declaration consists of a list of named constant values, called enum members.

Window

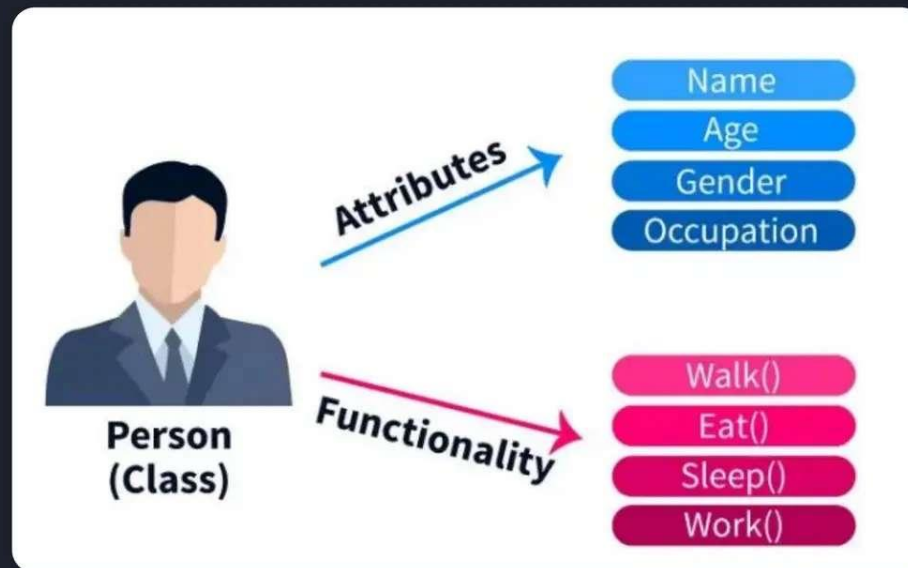MacOS

Linux

VI. Enumeration 🥇 🥈 🥉

```
enum CustomerType {
  regular,
  premium,
  vip
}

void main() {
  CustomerType customerType = CustomerType.premium;

  switch (customerType) {
    case CustomerType.regular:
      print('This is a regular customer.');
      break;
    case CustomerType.premium:
      print('This is a premium customer.');
      break;
    case CustomerType.vip:
      print('This is a VIP customer.');
      break;
  }
}
```

V. CLASSES 🏃

In Dart, a class is a blueprint for creating objects that have similar characteristics and behavior. It defines a set of attributes (also known as properties or instance variables) and methods that can be used to manipulate those attributes.

IV. CLASSES 🏃🏻

```
enum Gender{Male, Female}
class Person {
    final String name;
    final int age;
    final Gender gender;
    final String? occupation;

    // constructor
    Person({
        required this.name,
        required this.age,
        required this.gender,
        this.occupation,
    });

    //Method or Behavior
    void walk(){}
    void speak(){}
    void eat(){}
}
void main() {
    Person phanith = Person(name: "Phanith", age: 20, gender: Gender.Male, occupation: "Student");
}
```

Property

Constructor

Method

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THANK YOU