Backend and Database Development

13 classes

Day 2 : 23 Apr 2024

Java Technologies

OOPs concept

Object : object is any real world entity.

Class : blue print of object or template of object

Wheel, colour, price etc

Car object

Start() appliedGear() moving() stop()

Syntax to create the object

className objectRefName = new ClassName();

objectRefName.methodName();

types of variable or fields.

In java variable are divided into 3 types.

1. Instance variable
   1. The variable which declared inside a class but outside a method is known as instance variable.
   2. Instance variable hold default value respective their data types like int family 0 float family 0.0, char space, Boolean false, String null
   3. Instance variable we can access within a same class directly inside non static method.
2. Local variable
   1. The variable which declared inside a method is known as local variable.
   2. Local variable doesn’t hold default value.
   3. The scope of the variable within that method where it declared.
3. Static variable

This keyword : when instance variable and local variable have same name then local variable hide the visibility of instance variable.

this.variable name consider as instance and variable name local.