**Constructors:**

In Java, a constructor is a block of codes similar to the method. It is called when an instance of the object is created, and memory is allocated for the object.

It is a special type of method which is used to initialize the object.

Every time an object is created using new() keyword, at least one constructor is called. It calls a default constructor.

There are two types of constructors in Java:

1. Default constructor (no-arg constructor)
2. Parameterized constructor

## Java Default Constructor

A constructor is called "Default Constructor" when it doesn't have any parameter.

**Example of default constructor**

public class ConstructorEx {

ConstructorEx(){

System.*out*.println("hi");

}

public static void main(String[] args) {

ConstructorEx c=new ConstructorEx();

}

}

### Java Parameterized Constructor

A constructor which has a specific number of parameters is called a parameterized constructor.

### Example of parameterized constructor

package ex;

public class ConstructorEx {

ConstructorEx(){

System.*out*.println("hi");

}

ConstructorEx(int a){

System.*out*.println("hello");

}

ConstructorEx(int a, int b){

System.*out*.println("parameterised");

}

public static void main(String[] args) {

ConstructorEx c=new ConstructorEx();

ConstructorEx c1=new ConstructorEx(5);

ConstructorEx c2=new ConstructorEx(5,9);

}

}