

Constructors in JAVA

- In Java, a constructor is a block of codes similar to the method. It is called when an instance of the class is created. At the time of calling constructor, memory for the object is allocated in the memory.
- It is a special type of method which is used to initialize the object
- Every time an object is created using the new() keyword, at least one constructor is called

Rules for creating java constructor

There are two rules defined for the constructor

1. Constructor name must be the same as its class name
2. A Constructor must have no explicit return type
3. A Java constructor cannot be abstract, static, final, and synchronized

Type of constructors

There are two types of constructors in Java:

1. Default constructor
2. Parameterized constructor

Java Default constructor

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

Java parameterized constructor

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