**Constructor in Java**

**constructor in Java** is a special member method which will be called implicitly (automatically) by the JVM whenever an object is created for placing user or programmer defined values in place of default values. In a single word constructor is a special member method which will be called automatically whenever object is created.

Constructor name is same as class name

The purpose of constructor is to initialize an object called object initialization. Constructors are mainly create for initializing the object. Initialization is a process of assigning user defined values at the time of allocation of memory space.

**Syntax**

className()

{

.......

.......

}

**Advantages of constructors in Java**

* A constructor eliminates placing the default values.
* A constructor eliminates calling the normal or ordinary method implicitly.

Example

**class** DemoClass

{

**static** **int** *a*;

**static** **int** *b*;

DemoClass()

{

*a*=10;

*b*=20;

}

**public** **static** **void** main(String s[])

{

DemoClass s1 =**new** DemoClass();

**int** c=*a*+*b*;

System.***out***.println("Sum: "+c);

}

}

Output Sum is 30

**Types of Constructor**

* Default or no argument Constructor
* Parameterized constructor.