CONSTRUCTOR IS A BLOCK OF CODE SIMIALR TO THE METHOD .IT IS CALLED WHEN AN INSTANCE(OBJECT) OF CLASS IS REQUIRED.

CONSTRUCTOR IS CALLED AT THE TIME OF CREATING OBJECT

METHOD IS CALLED AFTER CREATION OF OBJECT

Syntax of object : Classname variablename = new classname();

^Calss without paranthesis……………..^ constructor();

* Constructors are always like methods but these are with paranthesis.
* Constructors are used to allocate a memory for variables in the class
* In generally , few operations are performed within java to allocate memory for variables in the class these operations are performed by with the help of constructors.
* By default java helps us in adding a constructor.

**Rules of constructor:**

* IMPLICIT CONSTRUCTOR (OR) DEFAULT CONSTRUCTOR :

Constructor created by java without we creating a constructor.

Constructor name should be always same as a class name .

Default constructors are always “public”

Syntax of default constructor :

public Constructorname(class name) () {

}

* EXPLICIT CONSTRUCTOR :

Created by user , Constructor name should be always same as a class name .

Diff types of explicit constructor .

**-> parameterized constructor : has a parameter exmpl ( int a )**

Parameterized constructor Can never be a default constructor

**When ever a new user constructor is added java stops creating a default constructor so it’s the user responsibility to create a empty constructor.**