**JFSD: A-Z of Back-end and Database Development**

**Day 2 : 14 Jul. 24**

Constructor : It is a type of special method which help to create the memory.

Pts

1. Constructor have same name as class in self in java (But in JavaScript function name must be constructor).
2. Constructor no need to call it will call automatically whenever we create the object.
3. Constructor no return type not even void.
4. If we doesn’t write any constructor by default empty constructor provided by java compiler.

Constructor is use to do some initialization whenever memory get created…

Parameterized method and Parameterized constructor

this is keyword which is use to refer to current object.

one of the use of this

1. When instance variable and local variable have same name then using this we can refer to instance variable.

Constructor vs Methods

In the life of the object if we want to perform any task only one time that type of task we need to write inside empty or parameterized constructor.

Empty for all object same logic or same data set. Parameter for different object different value or different logic.

In the life of the object if we want to perform any task more than one time that type of task we need to write inside a method.

**Encapsulation :** Binding or wrapping the data(instance variables) or code(methods) in a single unit is known as Encapsulation.

Example : class itself by default follow Encapsulation rules.