

#4

CONSTRUCTOR



ZOOMING



Constructor

- Every classes has constructor.
- Class name = Constructor name.
- Class can have more than one Constructor.
- Once object is created, constructor will be invoked.



Constructor

- Two different types of constructors
 1. No argument constructor
 2. Parameterized constructor



No Argument Constructors

- Java does not accept any parameters instead.
- Method will be initialized with fixed values for all the project.
- Example..



Parameterized Constructors

- Constructor that accept one or more parameters.
- Parameters are added with constructor in the same way parameter added to the method.



```
//NO ARGUMENT CONSTRUCTOR
class Dog //class
{
    int num;
    //constructor
    public Dog ()
    {
        num=10;
    }
    //main method
    public static void main(String args[])
    {
        Dog obj=new Dog();

        int j=obj.num

        System.out.println(j);
    }
}
```

```
//PARAMETERIZED CONSTRUCTOR
class Dog //class
{
    int num;
    //constructor
    public Dog(int i)
    {
        num=i;
    }
    //main method
    public static void main(String args[])
    {
        Dog obj=new Dog(10);

        int j=obj.num

        System.out.println(j);
    }
}
```
