**Constructor**

1. Every class has the default constructor build or provided by the java compiler
2. Constructor is used to provide the initial value for the class fields when we create an object
3. The constructor in java is similar to the block of the code which is called when the instance of the class is created

🡪The instance of the class is the process of calling the class

🡪Eg. Dog tom=new Dog();

1. The difference between the constructor and the method is :

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| --- | --- |
| **Constructor** | **Method** |
| In constructor we do not have to set an return type | In method we do have to set an return type |
| The name of the constructor should always same to the name of the class | The name of the method should always be different from the class name |
| The constructor is called automatically while making an instance | The method is not called automatically, We have to call it |
| The class can have the multiple constructors | The class can also have the multiple methods |
| Both the constructors and the methods are written in the body of the class and they can be maked differentiated by as we know the name of the constructor is always same to that of the class name | |

1. Hence when we make an instance the method named constructor in that class is called first and the things in it is implemented first