

# CONSTRUCTOR

## 1. What is constructor?

A special method or function that is used for initializing an object of a class is known as constructor.

## 2. What is constructor chaining?

the process of calling one constructor from another constructor within the same class or between parent and child classes is called constructor chaining.

## 3. Can we call a subclass constructor from a superclass constructor?

No ,we cant call a subclass constructor from superclass constructor.

## 4. What happens if you keep a return type for a constructor?

If we keep return type in a constructor it will show compilation error.

## 5. What is No-argument constructor?

No-argument constructor is a default constructor.

6. How is a No-argument constructor different from the default constructor?

Both are same.

7. When do we need constructor overloading?

When we need multiple constructors in a class, each with a different set of parameters.

8. What is default constructor explain with example?

Default constructor is a special constructor that is automatically provided by Java if no other constructors are explicitly defined in a class.

```
public class MyClass {  
    private int value;  
    private String name;  
  
    // Default constructor (automatically provided by Java)  
    public MyClass() {  
        value = 0; // Default value for 'value' variable  
        name = ""; // Default value for 'name' variable  
    }  
}
```