

## Constructors:

```
public class ConstructorDemo {  
    private String name;  
    private int age;  
  
    // Default constructor  
    public ConstructorDemo() {  
        name = "shiva theja";  
        age = 22;  
    }  
  
    // Parameterized constructor  
    public ConstructorDemo(String name, int age) {  
        this.name = name;  
        this.age = age;  
    }  
  
    // Copy constructor  
    public ConstructorDemo(ConstructorDemo other) {  
        this.name = other.name;  
        this.age = other.age;  
    }  
  
    // Method to display object details  
    public void displayDetails() {  
        System.out.println("Name: " + name);  
        System.out.println("Age: " + age);  
    }  
  
    // Main method (entry point of the program)
```

```
public static void main(String[] args) {  
    // Creating an object using the default constructor  
    ConstructorDemo defaultObj = new ConstructorDemo();  
    System.out.println("Default Constructor:");  
    defaultObj.displayDetails();  
  
    // Creating an object using the parameterized constructor  
    ConstructorDemo paramObj = new ConstructorDemo("sreelatha", 25);  
    System.out.println("\nParameterized Constructor:");  
    paramObj.displayDetails();  
  
    // Creating an object using the copy constructor  
    ConstructorDemo copyObj = new ConstructorDemo(paramObj);  
    System.out.println("\nCopy Constructor:");  
    copyObj.displayDetails();  
}  
}
```