

“JP Practical 6: Write a program in Java to implement default & parameterized constructor”

A] Code:

```
package command.line.apps;

public class F_Constructor {

    // Instance variables
    private String name;
    private int age;

    // Default constructor
    public F_Constructor() {
        System.out.println("Default Constructor Called");
        // Default values are assigned
        name = "Default";
        age = 0;
    }

    // Parameterized constructor
    public F_Constructor(String n, int a) {
        System.out.println("Parameterized Constructor Called");
        // Values are assigned based on parameters
        name = n;
        age = a;
    }

    // Method to display information
    public void displayInfo() {
        System.out.println("Name: " + name);
        System.out.println("Age: " + age);
    }

    public static void main(String[] args) {
        // Creating objects using both constructors
        F_Constructor obj1 = new F_Constructor();
        F_Constructor obj2 = new F_Constructor("Mohit", 20);

        // Displaying information
        System.out.println("\nObject 1:");
        obj1.displayInfo();
    }
}
```

```
        System.out.println("\nObject 2:");  
        obj2.displayInfo();  
    }  
}
```

B] O/P:

```
Default Constructor Called  
Parameterized Constructor Called  
  
Object 1:  
Name: Default  
Age: 0  
  
Object 2:  
Name: Mohit  
Age: 20
```