

**Object Oriented Programming Using - JAVA**

**PRACTICAL - 7**

**Aim:** Write a program in Java to develop constructor.

**Theory:** In this practical, we explore how constructors are used in Java to initialize objects. A constructor is a special method that is automatically invoked when an object is created. It shares the class name and has no return type. We write a simple Java program using the JDK, compile it with javac, and run it using java. This helps us understand how constructors work and how they differ from regular methods in terms of syntax and behavior.

**Code:**

```
class Shape
{
    Shape()
    {
        System.out.println("Default Constructor");
    }
    public static void main(String args[])
    {
        Shape s = new Shape();
    }
}
```

**Output:**

Default Constructor

**Conclusion:** This practical demonstrated how constructors are defined and used to initialize objects in Java. It helped us understand their role in object creation and reinforced the concept of class instantiation.