**Name- Abhinav Kumar**

**PRN- 21070126006**

**Branch- AIML_A1**

## JAVA Assignment 10

**Problem Statement- Write a Java Program for Thread Creating and use of its various methods.**

**Github-** https://github.com/Abhinav-kr-2807/JAVA

**Code-**

# ThreadDemo.java

```java
package threading;
class Printer extends Thread{
    String message;
    public void setMessage(String message)
    {
        this.message = message;
    }
    @Override
    public void run()
    {
        for(char ch:message.toCharArray())
        {
            try {
                Thread.sleep(500);

            } catch (InterruptedException e) {
                e.getStackTrace();
            }
            System.out.print(ch);

        }
    }
}
public class ThreadDemo {
```

```java
public static void main(String[] args) {
    // Creating instance of Printer class.--------------------------------->
    Printer printer = new Printer();
    printer.setName("Thread1");
    printer.setMessage("Hello, how are you ?"); // Calling the setMessage function of the
Printer class.
    System.out.println(printer.getName());
    printer.start(); // Thread will start


    // Creating another instance of the Printer class.----------------------------->
    Printer anotherPrinter = new Printer();
    anotherPrinter.setName("Thread2");
    anotherPrinter.setMessage("I am fine");
    anotherPrinter.start();
    System.out.println("End of Main"); // This is printed first because after this main
method dies and non demon thread continuous to work even after the main method dies.

    }
}
```

**OUTPUT:**

```
Thread1
Thread1
End of Main
IH elamlo ,fi hneow are you ?
```