PROGRAMMING IN JAVA LAB-10

//
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Batch-AIML A1
Write a Java Program for Thread Creating and use of its various methods.

 //

CODE:

```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 {

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.

}}
```

CODE:

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

GITHUB LINK:

https://github.com/Aayu03/JAVA/tree/main/ASSIGNMENT-10