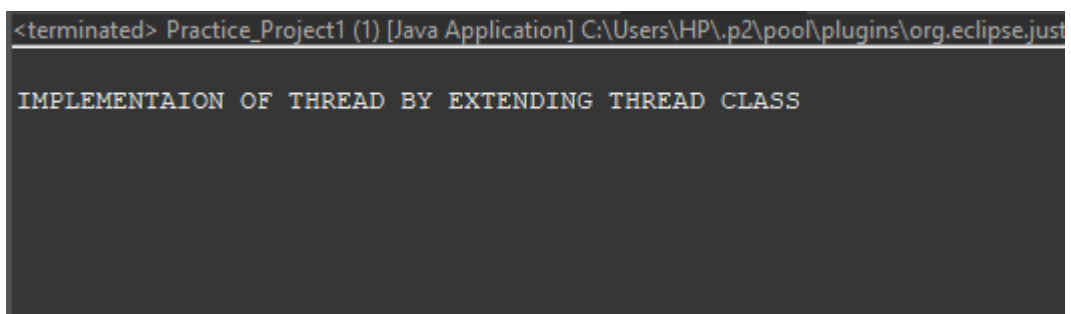1. Write a program in Java to create a thread by extending the 'Thread' class and by implementing the "Runnable" interface

SOURCE CODE

```java
//implementation of thread by extending thread class
package assistedPracticeProject2;
import java.lang.*; //importing packages
public class Practice_Project1 extends Thread  //extending thread class
{
        public void run()
        {
                System.out.println("\nIMPLEMENTAION OF THREAD BY EXTENDING THREAD CLASS ");
        }
        public static void main(String[] args)
        {
                Practice_Project1 thread1=new Practice_Project1(); //creating class object

                thread1.start(); //starting thread using object
        }
}
```

OUTPUT


```
<terminated> Practice_Project1 (1) [Java Application] C:\Users\HP\.p2\pool\plugins\org.eclipse.just

IMPLEMENTAION OF THREAD BY EXTENDING THREAD CLASS
```

```java
//implementation of thread by implementing runnable interface

package assistedPracticeProject2;
import java.lang.*; //importing packages
public class Practice_Project1_1 implements Runnable
{
        public void run()
```
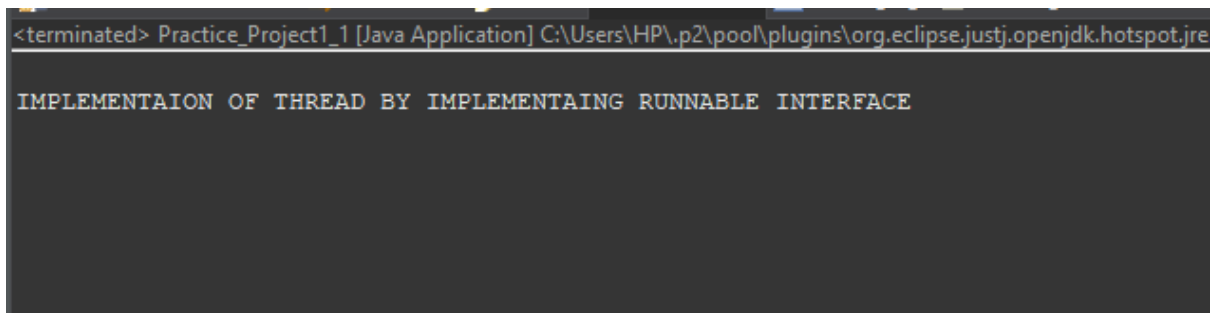
```java
    {
        System.out.println("\nIMPLEMENTAION          OF          THREAD          BY
IMPLEMENTAING RUNNABLE INTERFACE ");
    }
    public static void main(String[] args)
    {
        Practice_Project1_1  thread2=new  Practice_Project1_1();    //creating
class object
        Thread  th1=new  Thread(thread2); //passing  class  object  to  thread
constructor
        th1.start();
    }

}
```

OUTPUT