1) Problem Statement1

```java
package org.java.virAPI;


public class ThreadClas extends Thread{
public void run() {
for(int i=0;i<=4;i++)
{
System.out.println(i+" ");
try {
sleep(1000);
} catch (Exception e) {
// TODO Auto-generated catch block
e.printStackTrace();
}

}


}
}
class ThreadMain1
{
public static void main(String[] args)
{
    ThreadClas t=new ThreadClas();
    t.start();
System.out.println("befor"+Thread.currentThread().getName());
Thread.currentThread().setName("ThreadClas");
System.out.println("After"+Thread.currentThread().getName());
System.out.println("Before Priority"+Thread.currentThread().getPriority());
Thread.currentThread().setPriority(6);
System.out.println("After Priority"+Thread.currentThread().getPriority());


}
}
```

2) Problem Statement2

```java
package org.java.virAPI;

public class Runnable{

    public static void main(String[] args)
    {
        System.out.println("Main thread"
                    + Thread.currentThread().getName());
 Thread t1 = new Thread(new RunnableDemo().new RunnableImpl());
 t1.start();
}

private class RunnableImpl implements Runnable {

 public void run()
 {
     System.out.println(Thread.currentThread().getName()
                      + ", executing run()");
 }
    }
}
```