OPENENDED 2

```java
class printer{
String str;
printer()
{
str="";
}
synchronized void print(String str)
{
System.out.print("["+str);
try {
Thread.sleep(1000);
}catch(InterruptedException e)
{
System.out.println("Error occured");
}
try {
System.out.println("]");
Thread.sleep(1000);
} catch (InterruptedException e) {
// TODO Auto-generated catch block
e.printStackTrace();
}

}
}
class SampleThread implements Runnable
{
```

```java
String msg;

printer pt;

Thread t;

public SampleThread(printer pr,String message)

{

pt=pr;

msg=message;

t=new Thread(this);

t.start();

}


@Override

public void run() {

// TODO Auto-generated method stub

pt.print(msg);

}


}
public class InterThread {

public static void main(String[] args) {

printer pt=new printer();

SampleThread s1=new SampleThread(pt,"HELLO");

SampleThread s2=new SampleThread(pt,"CSE");

SampleThread s3=new SampleThread(pt,"WORLD");

SampleThread s4=new SampleThread(pt,"BMS");


try {

s1.t.join();

s2.t.join();
```

```
s3.t.join();

s4.t.join();

} catch (InterruptedException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

}
```

OUTPUT

```
[HELLO]
[BMS]
[WORLD]
[CSE]
```