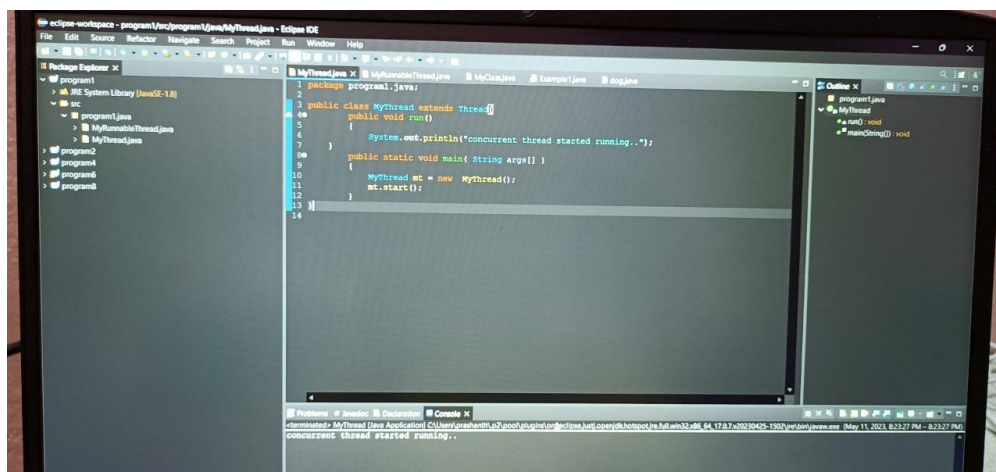


Program 1: Thread class

```
public class MyThread extends Thread{  
  
    public void run()  
  
    {  
  
        System.out.println("concurrent thread started  
running..");  
  
    }  
  
    public static void main( String args[] )  
  
    {  
  
        MyThread mt = new  MyThread();  
  
        mt.start();  
  
    }  
  
}
```



1.2 Runnable thread

```
package program1.java;

public class MyRunnableThread implements Runnable{

    public static int myCount = 0;

    public MyRunnableThread(){

    }

    public void run() {

        while(MyRunnableThread.myCount <= 10){

            try{

                System.out.println("Expl Thread:
"++MyRunnableThread.myCount));

                Thread.sleep(100);

            } catch (InterruptedException iex) {

                System.out.println("Exception in thread: "+iex.getMessage());

            }

        }

    }

    public static void main(String a[]){

        System.out.println("Starting Main Thread...");

        MyRunnableThread mrt = new MyRunnableThread();
```

```

Thread t = new Thread(mrt);

t.start();

while(MyRunnableThread.myCount <= {

    try{

        System.out.println("Main Thread:
"++MyRunnableThread.myCount));

        Thread.sleep(100);

    } catch (InterruptedException iex){

        System.out.println("Exception in main thread:
"+iex.getMessage());

    }

}

System.out.println("End of Main Thread...");

}

}

```

```

1 package program1;
2 public class MyRunnableThread implements Runnable{
3     public static int myCount = 0;
4     public MyRunnableThread(){}
5
6     public void run() {
7         while(MyRunnableThread.myCount <= 10){
8             try{
9                 System.out.println("Tmpl Thread: "+(++MyRunnableThread.myCount));
10                Thread.sleep(100);
11            } catch (InterruptedException iex) {
12                System.out.println("Exception in thread: "+iex.getMessage());
13            }
14        }
15    }
16
17    public static void main(String s[]){
18        System.out.println("Starting Main Thread...");
19        MyRunnableThread mrt = new MyRunnableThread();
20        Thread t = new Thread(mrt);
21        t.start();
22        while(MyRunnableThread.myCount <= 10){
23            try{
24                System.out.println("Main Thread: "+(++MyRunnableThread.myCount));
25                Thread.sleep(100);
26            } catch (InterruptedException iex) {
27                System.out.println("Exception in main thread: "+iex.getMessage());
28            }
29        }
30        System.out.println("End of Main Thread...");
31    }
32 }

```

Output Console:

```

Main Thread: 8
Main Thread: 9
Main Thread: 10
Main Thread: 11
End of Main Thread...

```