

```

class Test extends Thread
{
public void run()
{
for(int i=0;i<2; i++)
{
System.out.println("POKRA");
}
}
public static void main(String [] args)
{
Test Y1=new Test(); Y1.start();
}
}

```

```

class MultithreadingDemo implements Runnable
{
public void run()
{
try
{
System.out.println ("Thread " +Thread.currentThread() + " is
running");
}
catch (Exception e)
{
System.out.println ("Exception is caught");
}
}
}

```

```

class Mythread
{
public static void main(String[] args)
{
int n = 8; // Number of threads for (int i=0; i<n; i++)
{
Thread object = new Thread(new MultithreadingDemo()); object.start();
}
}
}

```

```

class RunnableDemo implements Runnable { private Thread t;
private String threadName;

```

```

RunnableDemo( String name) { threadName = name;
System.out.println("Creating " + threadName );
}

```

```
public void run() {
System.out.println("Running " + threadName ); try {
for(int i = 4; i > 0; i--) {
System.out.println("Thread: " + threadName + ", " + i); if (threadName
== "Thread-1")
Thread.sleep(5000); else Thread.sleep(1000);
}
} catch (InterruptedException e) {
System.out.println("Thread " + threadName + " interrupted.");
}
System.out.println("Thread " + threadName + " exiting.");
}
```

```
public void start () {
System.out.println("Starting " + threadName ); if (t == null) {
t = new Thread (this, threadName); t.start ();
}
}
}
```

```
public class TestThread {
```

```
public static void main(String args[]) {
RunnableDemo R1 = new RunnableDemo( "Thread-1"); R1.start();
```

```
RunnableDemo R2 = new RunnableDemo( "Thread-2"); R2.start();
}
}
```