1.Writing a program in Java by extending the **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();

}

}

**Output:**



**Step 3.1.3:** Writing a program in Java by implementing the **Runnable** interface

* Select your project and go to File -> New -> Class.
* Enter **MyRunnableThread** in class name, check the checkbox “public static void main(String[] args)”, and click on “Finish.”

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 <= 10){

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...");

}

}

**Output:**

