**Writing a program in Java by extending the Thread class**

Code:

**public** **class** MyThread **extends** Thread {

**public** **void** run()

{

System.***out***.println("concurrent thread started running..");

}

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

MyThread mt = **new** MyThread();

mt.start();

}

}

**Writing a program in Java by implementing the Runnable interface**

Code:

**public** **class** MyRunnableThread **extends** Thread{

**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[] args) {

// **TODO** Auto-generated method stub

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...");

}

}