**MULTITHREADING**

class MyThread extends Thread

{

long time;

private volatile boolean running = true;

MyThread(){

System.out.println("Default");

}

MyThread(String name, long time)

{

super(name);

this.time = time;

}

public void pause()

{

running = false;

}

public void run()

{

try

{

while(running)

{

System.out.println(this.getName());

Thread.sleep(time\*1000);

}

}

catch(InterruptedException ie)

{

System.out.println("Exception caught in method");

}

}

}

class ThreadRunner

{

public static void main(String [] args)

{

MyThread mt1 = new MyThread("BMS", 10);

MyThread mt2 = new MyThread("CSE", 2);

mt1.start();

mt2.start();

Try

{

Thread.sleep(20\*1000);

mt1.pause();

mt2.pause();

}

catch(InterruptedException ie)

{

System.out.println("Exception caught in main");

}

}

}