Java Essentials Module 4 Case Study 1

Please run jar file to test the program.

Command: java -jar Module4CaseStudy1.jar

# RunThreads Class (includes main):

**public** **class** RunThreads {

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

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

Thread thread1 = **new** Thread(**new** Thread0to10());

Thread thread2 = **new** Thread(**new** Thread101to110());

// Thread0to10 thread1 = new Thread0to10();

// Thread101to110 thread2 = new Thread101to110();

thread1.start();

thread2.start();

}

}

# Thread0to10 Class:

**public** **class** Thread0to10 **implements** Runnable {

Thread t;

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

{

**for** (**int** i = 0; i <= 10; i++) {

System.***out***.println(i);

**try** {

Thread.*sleep*(200);

} **catch** (InterruptedException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

}

}

}

# Thread101to110 Class:

**public** **class** Thread101to110 **extends** Thread{

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

{

**for** (**int** i = 101; i <= 110; i++) {

System.***out***.println(i);

**try** {

Thread.*sleep*(200);

} **catch** (InterruptedException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

}

}

}

# Output:

101

0

1

102

103

2

3

104

105

4

5

106

6

107

108

7

109

8

9

110

10