

## CSE1322L - Lab 10

### **Objective:**

Using Runnable to employ Multithreading in Java

Using Threads to employ Multithreading in C#

### **Introduction:**

will wake up at different times. Hopefully, you can have a nap while they sleep...good luck.

Each thread will run independently. Follow the instructions for your language below:

### **Java:**

Create a Baby class which implements Runnable

It should have variables: time (int) and name (String).

Write a constructor which takes in a name

Set the name variable in the object with the name you were passed.

Create a Randomr3i

Create a method Run() with no parameters

should be the time you randomly chose.  
Call Thread.Sleep(time);

You will need to wrap the contents of your run method in a try/catch block, catching ThreadInterruptedException.

Create 5 babies as follows:

Repeat this for b2, b3, b4, b5. They should be named Noah, Olivia, Liam, Emma, Amelia.

Create 5 threads as follows:

Thread t1 = new Thread(b1.Run);  
Repeat this for t2, t3, t4 and t5.

### **Sample Output:**

### **Submission Guidelines:**

You will turn in one program.

Please follow the posted submission guidelines here:

<https://ccse.kennesaw.edu/fye/submissionguidelines.php>

Ensure you submit before the deadline listed on the lab schedule for CSE1322L here:

<https://ccse.kennesaw.edu/fye/courseschedules.php>