

COSC 4301 – MODERN PROGRAMMING

Project 1 – Java Thread Example

Download and install Java 8 or higher, preferably Java 17. Also download and install the IDE of your choice. This [link](#) contains instructions for installing and using Eclipse, a full-featured Integrated Development Environment (IDE) for Java and also the IDE of choice for the course.

Download the attached zip file, **Project1.zip** and unzip it. Remove the angle brackets "<" and ">" in line 105 of the file **Project1.java** and enter your full name. Every project you complete in this course must include comments similar to the ones used in this project and must also include the developerInfo method. **You will not get full credit if some of the comments or lines in the comments are missing.**

The output of this project is a haiku displayed using several threads. A haiku is a three-line poem in which the first line contains five syllables, the second line contains seven syllables, and the third line contains five syllables.

Study the two Java files and be prepared to answer questions from them. Run your project and note the number of processors in your system. Copy and paste the output to a file named **Project1.txt**. Create a folder named, **<YourFullName>-Project1**. Copy the Project1.java file and the output file to the folder **Zip the folder, as a “.zip” file, and upload it to Blackboard**. All projects uploaded to Blackboard must include the source codes and the output.

Read the assignment very carefully to ensure that you have followed all instructions and satisfied all requirements. **You will not get full credit for the project if you do not follow all the instructions.**