

# CSC 220 Data Structures

## Program #1

### Java vs. Python

#### Description:

Convert the given Python code into Java code. Use the Java template provided. You need to analyze and run the given Python code to figure out what it does and then 100% replicate it in Java. To be clear, your Java implementation must match **exactly** to the Python implementation (so both programs, the Python and the Java version you will write, will do the exact same thing). Rename the template file to "Main.java" and implement the necessary components. Be sure to read the rubric below for clarification on what I will be grading on.

#### Submitting your assignment:

Only submit your Main.java file. Do not submit any .class files.

#### Rubric:

CSC 220 Program: Intro to Java		
#	ITEM	POINTS
1	Comments used to describe all classes, functions and fields	3
2	Good coding style	3
3	Follows directions outlined above	3
4	Person class correctly converted	7
5	Student class correctly converted	7
6	Main part correctly converted	7
7	Output matches exactly that of Python implementation	10
	<b>TOTAL</b>	<b>40</b>

#	PENALTIES	POINTS
1	Doesn't compile	-50%
2	Doesn't execute once compiled (i.e. it crashes)	-25%
3	Late up to 1 day	-25%
4	Late up to 2 days	-50%
5	Late after 2 days	-100%