

CSc3350: Software Development

Lab8

- 1) You are adding a new report and object to the Lab6 (SMS2 database) code.
- 2) Read the instructions in the code files: **Department.java** and **SMS.java**
- 3) Open VS-Code and create a new java project.
- 4) You are given **four java files** to be used for completing this lab.
 - a. NO CHANGES in **Enrollments.java** files.
 - b. One change in **Student.java** file is the MySQL password in the method "setEnrolled_courses()".
 - c. Several changes in the **Department.java** file. (read comments in the file)
 - d. Many additions and changes in the **SMS.java** file. (read comments in the file)
 - e. Remember to reference the JDBC jar file in your 'Java Project'.
- 5) TURN IN:
 - a. YOUR MODIFIED **SMS.java** file, **Department.java**.
 - b. A screen shot of the output. (Example below.) Notice the two titles must be modified with your name instead of mine. This ensues you at edited some of the code in **SMS.java**.
 - c. Notice in Enrollment, the first line of the 'Students' is on same line as department...
- 6) File types allowed are: **.java, .pdf, .png, .jpeg**

Reports Enrollment and Departments:

Student Enrollment Report by Dr. Johnson				
ID	CLASS	MAJOR	NAME	Enrollments
11	FRESHMAN	CS	Grace Hopper	1) CS-1301, HRS:4, CS Principles I 2) Math-2211, HRS:4, Calculus 3) Math-3455, HRS:4, Analysis
12	SENIOR	Math	Charles Babbage	1) CS-4250, HRS:4, Design and Analysis of Algorithms 2) EE-4550, HRS:4, Statics
22	JUNIOR	EE	Alan Turing	1) CS-4250, HRS:4, Design and Analysis of Algorithms 2) CS-3350, HRS:4, Software Development 3) Math-3455, HRS:4, Analysis 4) ITS-4222, HRS:4, Project Management 5) EE-3550, HRS:4, Circuits
23	FRESHMAN	Math	Ada Lovelace	1) Math-2211, HRS:4, Calculus 2) EE-3550, HRS:4, Circuits
24	SOPHOMORE	ITS	Edgar Codd	1) ITS-4222, HRS:4, Project Management 2) ITS-4677, HRS:3, Management Info Sys
30	SENIOR	CS	Thomas Kurtz	1) CS-4850, HRS:4, Intro to AI 2) CS-4840, HRS:3, Machine Learning
Departments with Student Majors Report by Dr. Johnson				
Major	Location	Department	Students	
CS	25 ParkPL	Computer Science	Grace Thomas	Hopper Kurtz FRESHMAN SENIOR
EE	North	Electrical Engineering	Alan	Turing JUNIOR
ITS	25 ParkPL	Information Technology Systems	Edgar	Codd SOPHOMORE
Math	25 ParkPL	Mathematics	Charles Ada	Babbage Lovelace SENIOR FRESHMAN

