**INY 3300**

**HOMEWORK 2**

1. Write a program (**Chart**.**java**) that asks the user to enter today’s sales for three stores. The program should display a bar chart comparing each store’s sales. Create each bar in the bar chart by displaying a row of asterisks. Each asterisk should represent $100 of sales. Here is an example of the program’s input/output.

Enter today’s sales for store 1: 1000

Enter today’s sales for store 2: 1200

Enter today’s sales for store 3: 800

SALES BAR CHART

Store 1:\*\*\*\*\*\*\*\*\*\*

Store 2:\*\*\*\*\*\*\*\*\*\*\*\*

Store 3:\*\*\*\*\*\*\*\*

1. Write class **Employee** with attributes first name, last name, hours, and rate. Adhere to the coding standards for a class. Write program **EmployeeTest** that creates two Employees with the following data.

Mary Jones 45 15.00

Steve Smith 30 7.25

Then, calculate the employees’ gross pay and print out as follows in a dialog box.

Jones $712.50

Smith $217.50

1. Problem 4.18 from the book. You have full control on how the program inputs and outputs as long as you only use what has been talked about in class. Just make sure you format your money and it gives the correct answer. Name the program **CreditLimit.java**.

**All loops are to use the while construct.**