

Lab 2: Sales Commission Calculator

Due date: Tuesday, 10/22/19 @ 11:59pm

Description of the Problem

A large company pays its salespeople on a commission basis. The salespeople receive \$200 per week plus 9% their gross sales for that week. For example, a salesperson who sells \$5,000 worth of merchandise in a week receives \$200 plus 9% of \$5,000, or a total of \$650. You've been supplied with a list of the items sold by each salesperson. The values of these items are shown in the table below. Develop a Java application that inputs one salesperson's items sold for last week and calculates and displays that salesperson's earnings. There is no limit to the number of items that can be sold.

Item	Value
1	239.99
2	129.75
3	99.95
4	350.89

Lab Objectives

This assignment was designed to reinforce programming concepts from Chapter 4. In this assignment you will practice:

- Using if-else and while statements

Sample Runs

Run:

Enter number sold of product #1: 20
Enter number sold of product #2: 30
Enter number sold of product #3: 0
Enter number sold of product #4: 45
Earnings this week: \$2403.41

Run:

Enter number sold of product #1: 5
Enter number sold of product #2: 9
Enter number sold of product #3: 2
Enter number sold of product #4: 4
Earnings this week: \$557.40

IMPORTANT.

Follow the various style conventions we've discussed in class (variable naming, constants, spaces, etc) including putting comments in your program.

- 1) The program must compile without errors.
- 2) Your program must have the following comments at the top. Don't forget to include them because they will count toward the grade of this lab.

```
/*  
 * First and Last Name CSCI 6302.01 Fall 2019 Lab #2: Sales Commission Calculator  
 */  
*****
```

- 3) Name your file as Sales_lastnameFirstname.java.

- 4) When done, submit your java file via blackboard.