

Assignment 3

To Be Submitted by Sunday November 8

- a zipped copy of your NetBeans project to the dropbox
 - use File > Export Project > To ZIP
 - the name of this file should be `yourName_a3.zip`

Programming Style

- this is to be an individual effort
 - do not work with anybody to complete the assignment
- follow the programming style outlined in the text Chapter 1.7
 - use at least two line comments and two block comments
 - use proper indentation and spacing
 - use either End-of-line or Next-line style

Note:

- up to 40% of the mark will be based on the appearance and ease of use of the program
- the program ends with
 - the appropriate calculation
 - your name and student number should always appear as the last line of output
- use debugging (step through code) to make sure that invalid data is not processed
 - for example, if user enters a negative number, that number should not be used

Program Overview

Based on the table below, calculate the sales commission earned by a Salesperson. If the Salesperson sold \$500 of desks, then the commission earned is \$30. If the Salesperson sold \$1,000 of chairs and \$400 of tables then the commission earned is \$60 (\$50 + \$10).

	<\$500	\$500 to \$1,000	\$1,000 to \$1,500	>=\$1,500
Table	\$10	\$20	\$30	\$40
Desks	\$20	\$30	\$40	\$50
Chairs	\$30	\$40	\$50	\$60

Basic Code Requirements

- your code should contain the following heading above the class name for each class.
(not in the main method)

```
/**  
Your Name  
Your Student Number  
Assignment 3  
Date  
*/
```

- create a project called **Commission** that calculates the commission earned by a Salesperson.

The Main Class

- prompts the user for a Salesperson's
 - first name
 - last name
 - table sales
 - desks sales
 - chair sales
- if the user enters invalid data (such as negative chair sales) then a message should appear stating "Invalid: Enter valid chair sales:"
 - the program should not continue until the user enters valid data
- the program then should print out the Salesperson's
 - full name on one line
 - table sales and table commission on one line
 - desk sales and desk commission on one line
 - chair sales and chair commission on one line
 - total sales and total commission on one line
- the program should then prompt the user whether to process another Salesperson
 - the process should be repeated until the user decides not to continue

Note: You must use printf to format your output.