Lab Exercise using different data-types

1. Write a program that declares four variables to hold the number of eggs produced in a month by each of four hens. Your program should sum the eggs, and then display the total in dozens. For example, a total of 127 eggs is 10 dozens and 7 eggs.
2. Write a program that prompts the user for a name , Social Insurance Number, hourly pay rate and the number of hours worked. In an attractive format display all the input data as well as the following:

Gross pay is hourly pay rate times hours worked

Federal tax is 15 percent of gross pay

Provincial tax is 10 percent of gross pay

Net pay is gross minus federal and provincial taxes

Enter your name: Stephen Harper  
Social Insurance Number: 123-456-789  
Hourly pay rate: 11:50  
Hours worked: 40

Payroll Summary for Stephen Harper  
SIN: 123-456-789  
You worked 40 hours at $11.50 per hour

Gross pay: $460.00  
Federal Tax: $69.00  
Provincial Tax: $46.00  
----------------------------------------  
Net pay: $345.00

To get the table at the bottom, you will need to ensure the lines with the dollar value end at the same column then use a column indicator with the placeholder. **{«data value index»,«number of columns to utilize»:«format specifier»}**

e.g. {1, 8:C} means put the second data value, display in currency format and occupy 8 columns