

## HW2 – Formatted I/O & Expressions

Due on Sep. 27th, 6:00pm

1. Write a program that receives an amount of money in dollars (\$) and the currency exchange rate and computes the corresponding amount of money in Won. Print out the amount of money using one digit after the decimal point:

Enter amount of money: \$214

Enter currency exchange rate: 1243.58

Amount of money in Won: 266126.1

2. In Problem 1., assume that there is an exchange fee of 1.75% for every currency exchange. Write a program that receives an amount of money in dollars (\$) and the currency exchange rate, subtract the exchange fee, and computes the corresponding amount of money in Won. Print out the amount of money using one digit after the decimal point:

Enter amount of money: \$214

Enter currency exchange rate: 1243.58

Amount of money in Won: 261468.9

3. Write a program that receives the current time and departure time of a train, computes the remaining time until the departure of the train, and prints out the remaining time in seconds:

Enter current time: 11:59:25

Enter departure time: 13:05:00

Remaining time: 3935s