Homework 3

Homework 3.1

Write a program that reads an integer and a double from user, use a floating-point and an integer variable to store and then show to screen.

a) Normal Input

b) the integer number is input as hexadecimal and the floating point is entered in the scientific format.

Homework 3.2

Write a program that reads a string from the keyboard by using a scan set (e.g aeiou).

Homework 3.3

Write a program that asks for total work hours then calculates and displays an employee’s total wages for week. The regular hours for the work week are 40 and any hours worked over 40 are considered overtime. The employee earns 25000 VND per hour for regular hours, and 40000 VND per hour for overtime hours.

Homework 3.4

Write a program that ask users for information concerning a book you buy at the shop such as: ISBN, Title, Price, Quantity. The VAT is 4%. Program should display these information as the following interface

BK Book Store  
Qty  ISBN Title Price Total  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
...  
VAT:  
You pay:

Homework 3.5

Write a program that read in your name and your studentID, assuming a student ID is in this form

* HUSTYYY: Y- digit
* HUST123, HUST124

Use scanset to limit the wrong characters of input.

After inputting, display your name and ID to verify.

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