**UCF-COP 3223-unit1.hw**

At *Simple College*, a student must take exactly two classes. The purpose of this assignment is to write a **C** program that generates a fee invoice for a student. That requires the input of Student’s id (an integer), the two course numbers and their corresponding credit hours (See sample run below). A student with a gpa higher than 2.5 gets a discount of 25% of the total payement excluding the fees.

It costs 120.25 dollars per one credit hour, and each student is charged $35.00 for health and id services.

After inputting all the necessary data (see sample run below), an invoice, as shown below, is printed to the screen.

# SIMPLE COLLEGE

# ORLANDO FL 10101

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Fee Invoice Prepared for:**

**[Student: 5656]**

**1 Credit Hour = $120.25**

**CRN CREDIT HOURS**

**4587 4 $481.00**

**4599 3 $360.75**

**Health & id fees $35.00**

**----------------------------------------**

**Total Payments $876.75**

**Note that Student 5656 didn’t qualify for a discount. The gpa in that case must have been less or equal to 2.5**

1. You may assume that the user of your code enters correct information. Your code must run as it shows on the sample run below. However, it is ***not*** required to have the exact number of white spaces/skipped lines as shown in the invoice above, but a similar indentation is expected.
2. Submit your code, ***the .c file***. Check that you submitted the correct file. Please don’t ask the instructor to check your code or to check if you have submitted the correct file!
3. Whether your work solo or in groups, submission of the hw on Webcourses is individual. If you end up working on this hw in groups (up to 3 per group), write the full name of all the group members, as a comment.
4. **You may find this code useful:**

**int x , y;**

**printf ("Enter two numbers / :");**

**scanf("%d/%d", &x, &y);**

**printf ("You have entered %d and %d\n", x , y );**

**Sample Run 1** (The user’s keyboard try is marked in bold)

Enter the Student’s Id: **5656**

Enter crn/credit hours for the first class : **4587/4**

Enter crn/credit hours for the second class: **4599/3**

Enter the gpa of Student 5656: **2.3**

(25% discount is not applicable)

Thank you!

# Here IS THE FEE INVOICE...

# SIMPLE COLLEGE

# ORLANDO FL 10101

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Fee Invoice Prepared for:

[Student: 5656]

1 Credit Hour = $120.25

CRN CREDIT HOURS

4587 4 $481.00

4599 3 $360.75

Health & id fees $35.00

----------------------------------------

Total Payments $876.75

**Sample Run 2** (The user’s keyboard try is marked in bold)

Enter the Student’s Id: **2358**

Enter crn/credit hours for the first class : **4580/3**

Enter crn/credit hours for the second class: **4593/1**

Enter the gpa of Student 2358: **2.56**

(25% discount is applicable)

Thank you!

# Here IS THE FEE INVOICE...

# SIMPLE COLLEGE

# ORLANDO FL 10101

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Fee Invoice Prepared for:

[Student: 2358]

1 Credit Hour = $120.25

CRN CREDIT HOURS

4580 3 $360.75

4593 1 $120.25

Health & id fees $35.00

----------------------------------------

Total Payments $395.75

**Your .c file should be something like:**

**//unit1.hw**

**//Group members: John Jones, Jenna Johnson, James Junaid**

**/\* ALL GROUP MEMBERS MUST SUBMIT THE SAME .c file \*/**

**//include directives go here…**

**int main() {**

**//Your code goes here.**

**Return 0;**

**}**