Learning objective:

* Input/output using the Scanner class
* Output formating
* Basic arithmetic
* String class basics, and the split method

UCF-COP 3330-HW1

At a college (Simple College), a student must take exactly two classes. The purpose of this assignment is to write a Java program that generates a fee invoice for a student. That requires the input of Student’s id and full name as Strings, the two course numbers and their corresponding credit hours (See sample run below).

At Simple College, 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), a fee invoice as shown below should be printed to the screen.

# SIMPLE COLLEGE

# ORLANDO FL 10101

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

Fee Invoice Prepared for:

[Ericka J. Jones][V5656]

1 Credit Hour = $120.25

CRN CREDIT HOURS

1. 4 $481.00

4599 3 $360.75

Health & id fees $35.00

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

Total Payments $876.75

You may assume that the user of your code enters correct information.

Note well that your code should generate a fee invoice similar to the one shown above. The TAs will not deduct points because you don’t have the same exact white spaces or because you skipped say three lines instead of two…etc, but have the invoice lines indented as shown. See sample run below.

**Sample Run** (The user’s entry is marked in bold)

Enter the Student’s Id: **V5656**

Enter the Student’s full name: **Ericka J. Jones**

Enter crn/credit hours for the first class(like 5665/3: **4587/4**

Enter crn/credit hours for the second class(like 5665/3): **4599/3**

Thank you!

Fee invoice prepared for: Ericka J. Jones

# SIMPLE COLLEGE

# ORLANDO FL 10101

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

Fee Invoice Prepared for:

[Ericka J. Jones][V5656]

1 Credit Hour = $120.25

CRN CREDIT HOURS

1. 4 $481.00

4599 3 $360.75

Health & id fees $35.00

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

Total Payments $876.75

**You may find the split method in the String class useful to you. The code below shows how to split a string and how to parse a string to an int.**

String data ="UCF-COP-3330";

String [] array;

String str1 , str2 , str3;

**int** number;

array = data.split("-");

str1 = array[0];

str2 = array[1];

str3 = array[2];

number = Integer.*parseInt*(str3);

System.***out***.println(str1);

System.***out***.println(str2);

System.***out***.println(number);

System.***out***.println(data);