**lab23\_Method\_Overloading**

**Problem Description:** The Admin wants to print the header of the bill in multiple ways

depending on the need. This can be printing a single character n, number of times or printing

of String or printing a character specified number of times.

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**Step 1:** Create a file called **PrintDetails.java** which contains the **PrintDetails** class designed

as per the class diagram given above.

**Step 2:** Implement the **printHeader()** methods as described below:

a. ***printHeader(char c)***

* This method would print the character passed to it as an argument 80 times in the same line

[Hint: make use of System.out.print() method to retain the cursor on the same line]

b. ***printHeader(char c, int no)***

* This method would print the character passed to it as an argument the

specified number of times, which is passed as a second argument, in the

same line

c. ***printHeader(String s)***

* This method would print the string passed to it as an argument once

**Step 3:** Create a file **DemoPrint.java** containing the ***DemoPrint*** class with the main method.

**Step 4:** Create an object of ***PrintDetails*** class and instantiate the same. Invoke the

***printHeader*** methods with the following values for the arguments:

printHeader(‘\*’);  
printHeader(‘Z’, 20);

printHeader(“University of Dallas”);