Program 1 cop2250pgm1d.java

COP 2250 Java Programming

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- Program must be named: yourLastNameFirstLetterOfYourFirstNamepgm1.java
  If your name is George Washington the program should be named:
  WashingtonGpgm1.java

- Turn in the signed source code on paper, and email me the source code.

- Make sure the program is properly documented and aligned uniformly, looking professionally,
  I will take points off if it not.

- Include the following header in every program:

  /******************************************************************************
   * Author     : Your Name
   * Course     : COP 2250 Date and Time of class
   * Professor  : Michael Robinson
   * Program #  : Program Purpose/Description
   *            : {A brief description of the program }
   * Due Date   : MM/DD/YYYY
   ******************************************************************************/

Certification:
I hereby certify that this work is my own and none of it is the work of any other person.
........{ your signature }........
*******************************************************************************/

Purpose of this program:
- Create first project, first class, and first java program
- Use multiple variables of Primitive Data Types and the String Class by
  declaring them, and assigning values to them.
- Use methods, pass parameters. (MAKE SURE THE METHODS NAMES DESCRIBE WHAT THEY DO example: addNumbers)
- Do calculations and print results.
- Use print, println, and printf.
- Use \n and 	
- Use remarks to document your program.

How:
1 - Worth 3 points
- Create and call a method called numericalComputations(), without passing any parameters
- In the numericalComputations() method, assign the value 100 to the int maximumNumber
- Print EACH result for EACH of the following computations:
  This means: compute maximumNumber with 1, then maximumNumber with 2, maximumNumber with 3 ...

  e.g.  100 + 1 = 101
       100 + 2 = 102
       100 + 3 = 103
       ..
       100 + 10 = 110

maximumNumber + 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 using printf and \nmaximumNumber - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 using println
maximumNumber * 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 using print and \nmaximumNumber / 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 using printf and \nmaximumNumber % 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 using print and 	

This method will have a total of 50 print/println/printf statements

2 - Worth 2 points
- Create and call a method called sumOfNumbers(), without passing any parameters
- In the method, assign the value 100 to the int N.
- Using the sum of numbers formula: 
\[(1 + N)(N/2)\]
print the total amount of the sum of digits from 1 to 100

To find the sum of all the numbers from 1 to 100 (1 + 2 + 3 + 4 + . . . + 100), the formula 
\[(1 + N)(N/2)\] will do it.
That is: (1 plus N quantity) times (N divided by 2).

3 - Worth 3 points
- Create variables in the main() method and assign the corresponding values for:
  - your name
  - your major
  - credits taken
  - credits this semester
  - this class's name
- Create and call a method called myInfo(............), passing the above parameters
  - Inside the method print:
    Hi my name is .., my major is .., I have completed .. credits, I and taking .. credits, and this class's name is ..