

Program 5e  
COP-2250 - Java Programming  
Professor : Michael Robinson  
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- 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 is not.
- Include the following header in every program:

```
/******  
Author      : Your Name  
Course      : COP 2250 M-W  
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:

- Implement classes and constructors

\*\*\*\* NOTE \*\*\*\*

- Each task must be done inside its own function/method.
- Use main ONLY to create variables and call the functions/methods.

1 - Worth 10 points (classes and constructors)

Create a class with a constructor and name it : first letter of your last name +  
first letter of your first name +  
the word Names. ex: rmNames

this class should have:

- private variables
- one constructor that will accept your first name, and your last name.
- mutator (set) methods that will be used to
  - receive other variables and set your private variables as requested by the main program.
- accessor (get) methods that will be used to
  - return values requested by the main program.

Create a main program called : your last name + First name initial + pgm5.

At the main(String arg[]) method in main program:

- call the constructor that will accept your first and last name
- call methods in the "class with constructor" program, that will set values to its private variables containing:
  - your major
  - amount of credits taken this semester
  - total amount of credits obtained so far
  - what grade do you expect in this class

At main, calling accessor (get) methods in the "class with constructor" print:

- Your first name, last name, major, amount of credits taken this semester,  
total amount of credits obtained so far, what grade do you expect in this class

Note: you need to turn in two programs, your class and the program that uses such class.