

Name (PRINTED): _____

Student ID #: _____

Section # (or TA's: _____
name and time)

CMSC 131

Quiz #3

Fall 2009

Oct. 5

1. Assume there is already a class defined named MyClass. Write the one line of code that would be needed to create a variable named "x" which refers to an object of type MyClass.

2. Write a static method (as defined below) that takes in two integers "low" and "high". It will draw a picture of stars where the length of the rows varies from "low" to "high". For example if a 3 and 6 are passed the output is:

```
***  
****  
*****  
*****
```

You may assume that the value of "low" is strictly less than the value of "high".

```
public static void myRange(int low, int high) {
```

```
}
```

See back of page!

3. Assume the class Student has already been created. You will write a main that creates Student objects and uses that class.

```
public class Student{
    public String name;
    public int numOfCredits;
    public double gpa;

    public void printInfo(){
        // prints information about the current student
    }
    public double returnProduct(){
        // returns the product of the numOfCredits and the gpa
    }
}
```

Implement the main method that does the following tasks:

- Creates a Student object.
- Gives that Student your name, and any number of credits and GPA you like.
- Prints the information about that Student (using the method above)
- Prints the product of the GPA and numOfCredits (using the method above)

```
public static void main(String[] args){
```

```
}
```