**Section \_:**

For the code final, submit only what is asked for. Use Visual Studio for the following:

*There is significant partial credit available for the deliverable in this assignment. Do as much as you can in the time allowed and* ***turn in what you have****. If your code becomes unstable, won't run, or won't compile, complete the steps you can to get as much partial credit as possible.*

***Do not discuss the exam with anyone until after Finals week has completed.***

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Add an HourlyPlusCommissionEmployee class to the PayrollSystem app by subclassing an existing class. A HourlyPlusCommissionEmployee is a kind of CommissionEmployee with the following differences and specifications:

HourlyPlusCommissionEmployee earns money based on 2 separate calculations:

* commissions are calculated by the CommissionEmployee base class
* hourly pay is calculated exactly the same as the HourlyEmployee class, but this is not inherited, it must be duplicated in the added class
* BasePlusCommissionEmployee inherits from CommissionEmployee and includes (duplicates) the details of SalariedEmployee. Use this as an example of how to inherit from one class and still include details from another class as you write your class.
* Hint: the use of the word “Base” in BasePlusCommissionEmployee refers to the “base salary”, not the C# keyword “base” which refers to the base class.
* IMPORTANT: you are not to make any changes whatsoever to any other source code files included in the project. You are only allowed to add a class file named **HourlyPlusCommissionEmployee**. This added file will include all your code for the exam. Any deviation from these instructions is incorrect and any changes to any other file will likely break the software.
* You are provided with a main driver program that includes code which already uses your new class and expects it to be there. All of this code must work correctly with your new added class. The application will not compile and run until you complete your piece. Use the driver program code and the comments for hints at what to do in the new class you add.
* When I grade your final, I will extract your single source code file and drop it into my copy of the rest of the app, so you must code and work within these restrictions.