

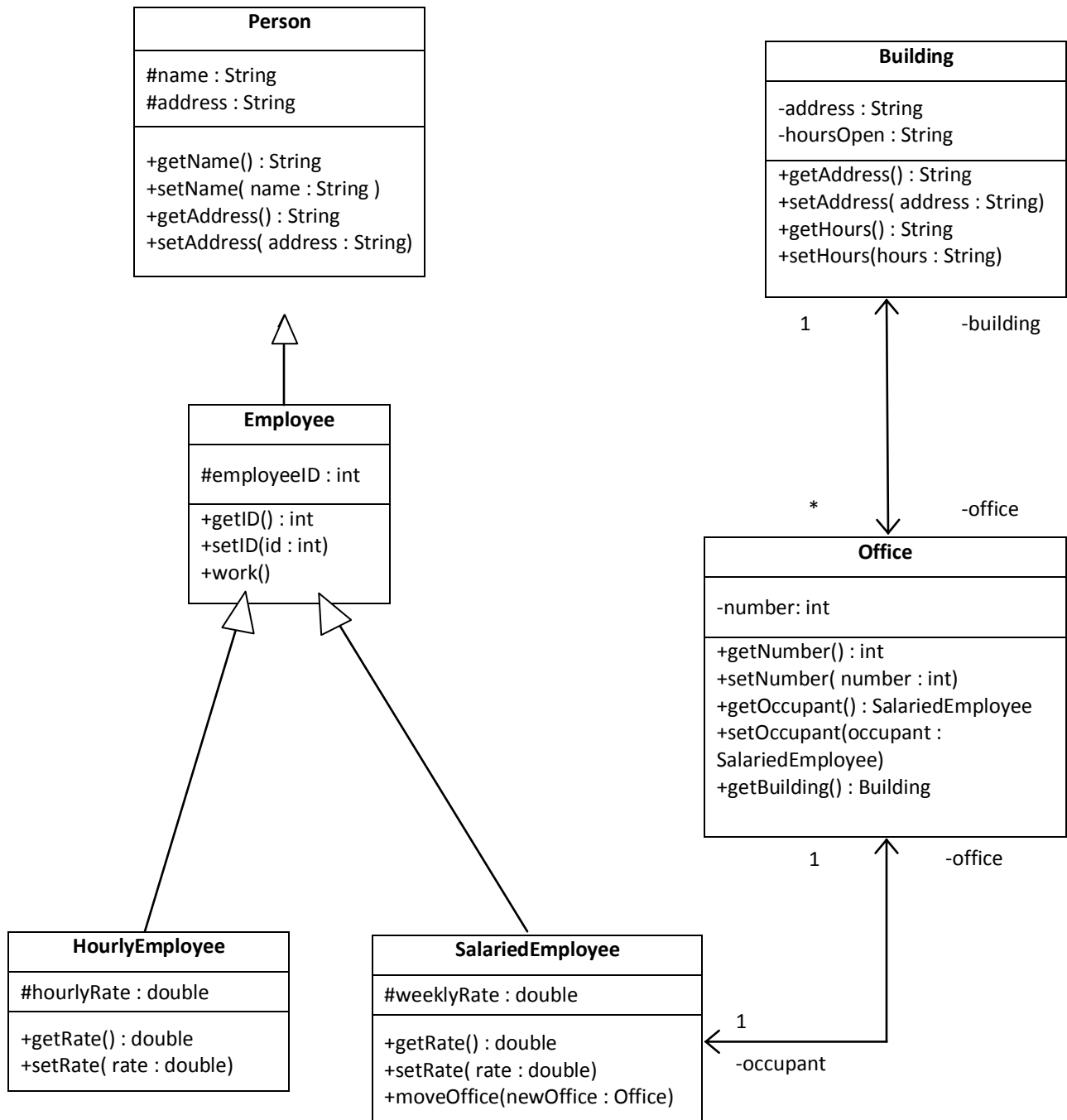
CS1316 Spring 2008 Practice Exam 2

NAME: _____

PRISM ID: _____

UML Class Diagrams: Analyze the provided class diagram

Answer the questions below about the UML class diagram provided.



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1. List all the instance variables in Person.
2. List all the fields of a SalariedEmployee.
3. Instances of which classes have a field (instance variable) called address?
4. Do HourlyEmployee instance have Offices?
5. By what name do instances of the class Office know their Building instances?
6. List all the classes whose instances can understand the method work.
7. How many Offices of a Building can exist?
8. How many Building are associated with a given Office?

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UML Class Diagrams: Draw your own

Draw a class diagram based on the description below.

A hospital keeps a record of each patient and each of their visits. Each patient record includes the name, gender and date of birth. The doctor they see on each visit is recorded and the diagnosis is also recorded. The hospital also uses a billing system that bills each patient based on what the diagnosis is and the medication involved. If the patient has medical insurance, then that is considered into the billing system. Please draw a class UML class diagram including classes, attributes, method names and relationships.