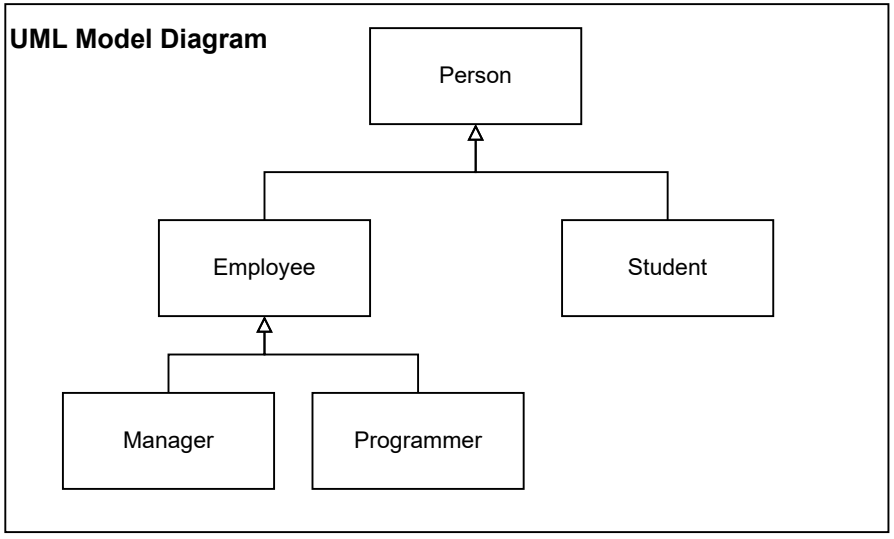
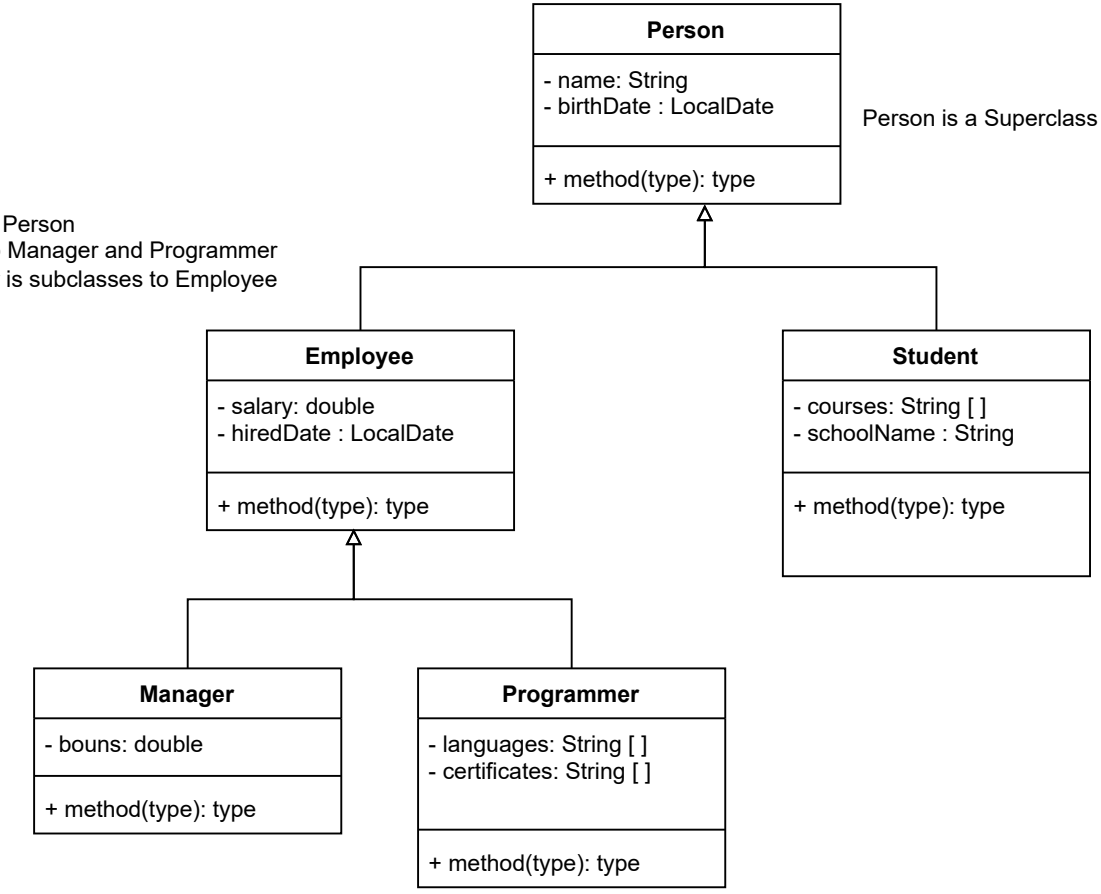
Class Inheritance Lecture



Employee Is A Person
Student is A Person
Manager is an employee
Programmer is an employee

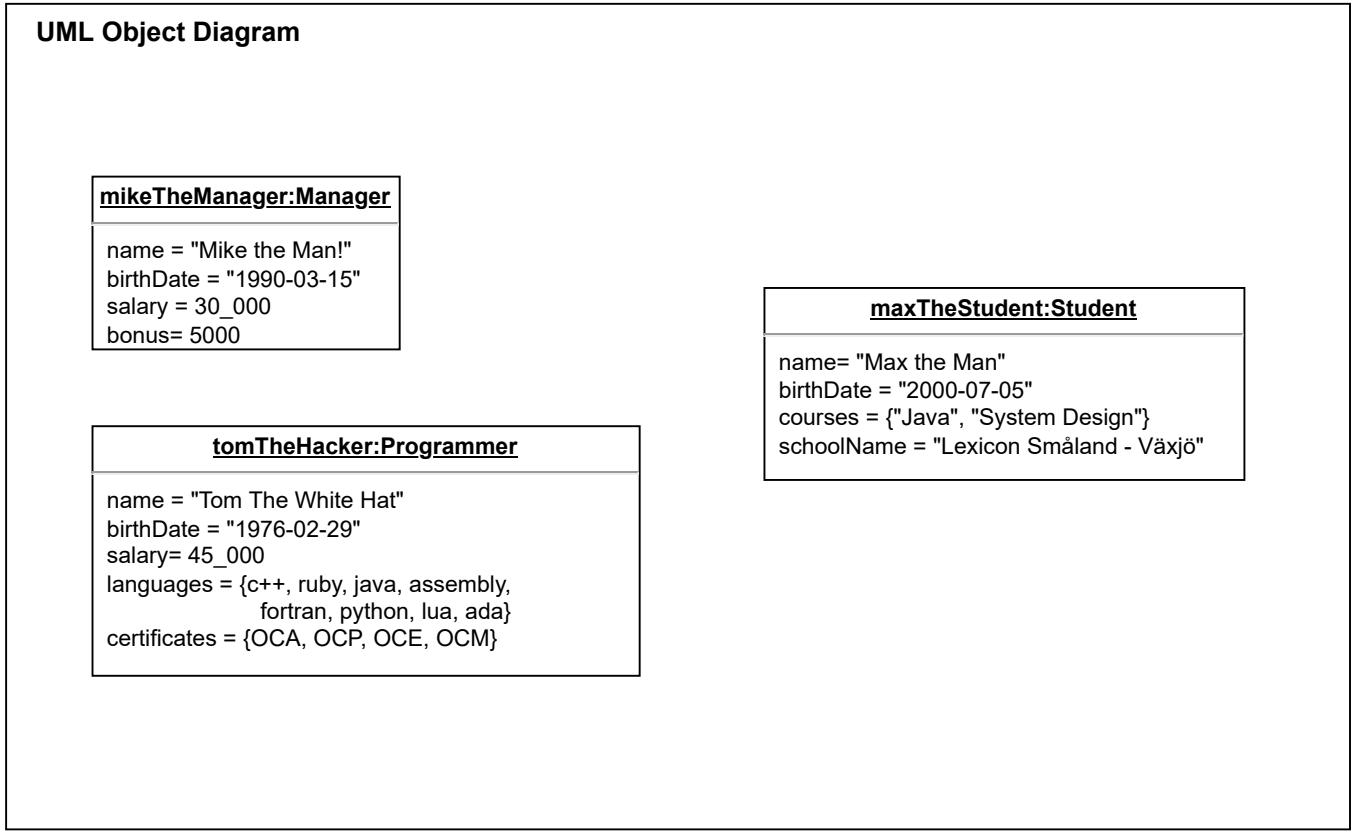
UML Model Diagram



Person is a Superclass (Parent) of Employee and Student

Employee is a subclass to Person
Employee is Superclass to Manager and Programmer
Manager and Programmer is subclasses to Employee

Student Is a Subclass (child) of Person


UML Object Diagram
mikeTheManager:Manager
name = "Mike the Man!"
birthDate = "1990-03-15"
salary = 30_000
bonus= 5000
maxTheStudent:Student
name= "Max the Man"
birthDate = "2000-07-05"
courses = {"Java", "System Design"}
schoolName = "Lexicon Småland - Växjö"
tomTheHacker:Programmer
name = "Tom The White Hat"
birthDate = "1976-02-29"
salary= 45_000
languages = {c++, ruby, java, assembly,
fortran, python, lua, ada}
certificates = {OCA, OCP, OCE, OCM}