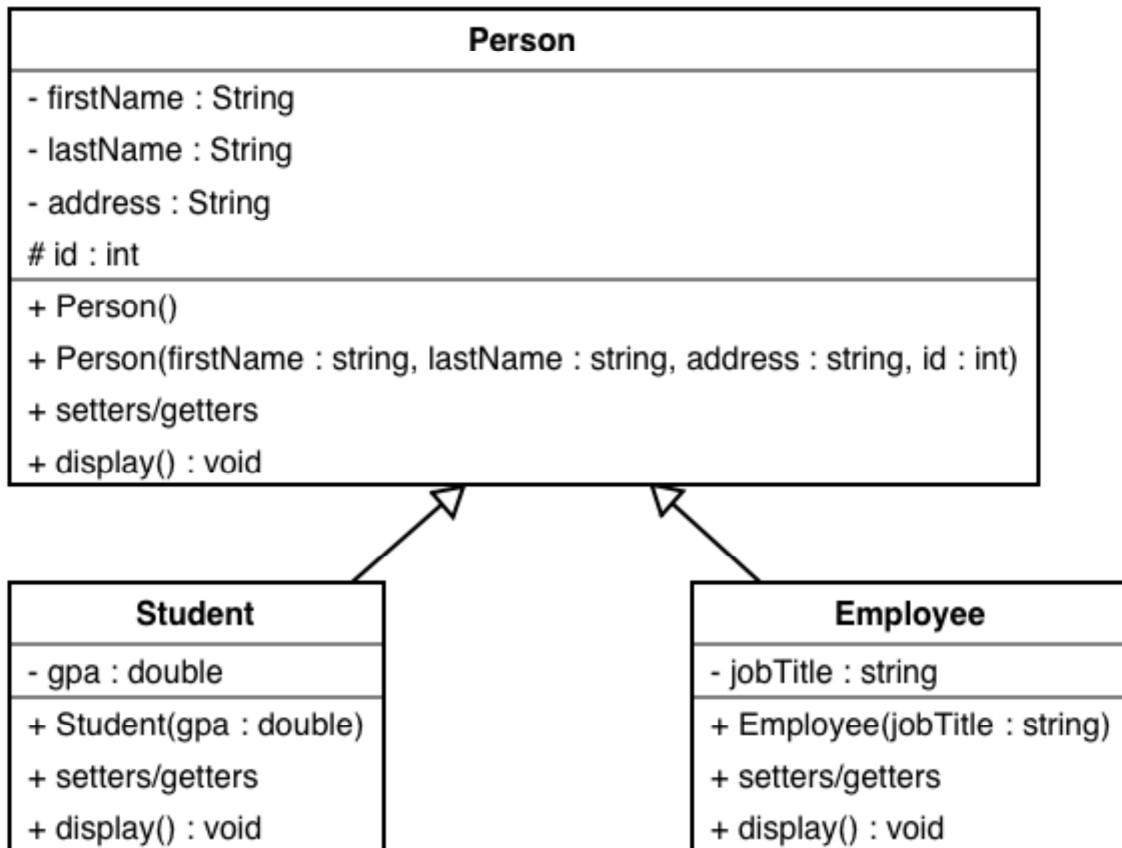


King Saud University
College of Computer and Information Sciences
Lab 4 Inheritance



Person

Person: Empty and Copy Constructor.

Getter & Setter: Create the get and set method to each attribute.

Display: Displays Person id and Name in the following format:
 ID: 12 - Name: XY

Student

Student: Enter some default person information. *hint use super*

Getter & Setter: Create the get and set method to each attribute.

Display: Shows the student information in the following format:
 ID: 12 - Name: XY – GPA: 4.85

Employee

Employee: just set the jobTitle

Getter & Setter: Create the get and set method to each attribute.

Display: Shows the Employee information in the following format:
 ID: 12 - Name: XY - JobTitle: ABC

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Lab4 Class:

Once you are done writing the classes, you need to test your work by implementing the class Lab4 with main method to do the following:

1. Create an instance of class **Person**, an instance of class **Student** and an instance of class **Employee** with proper values for the attributes.
2. Read the values for Employee instance from the user in main.
3. Display the content of each class using display() method.

Early Blackboard submission:

- Submit the .java files in a zip format.
File -> Export -> General (archive file) -> select .java files from src folder.
- Submit screenshots of the actual run from the console.

Helpful tips and hints:

- To auto generate Getters and setters go to
Source -> Generate Getter and Setter
 - To invoke the Auto Formatter for your code : Ctrl + Shift + F
 - For auto complete: Ctrl + space
 - To Undo: Ctrl + z
To Copy: Ctrl + c
To Paste: Ctrl + v
To Save: Ctrl + s
 - - private, + public, # protected.
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