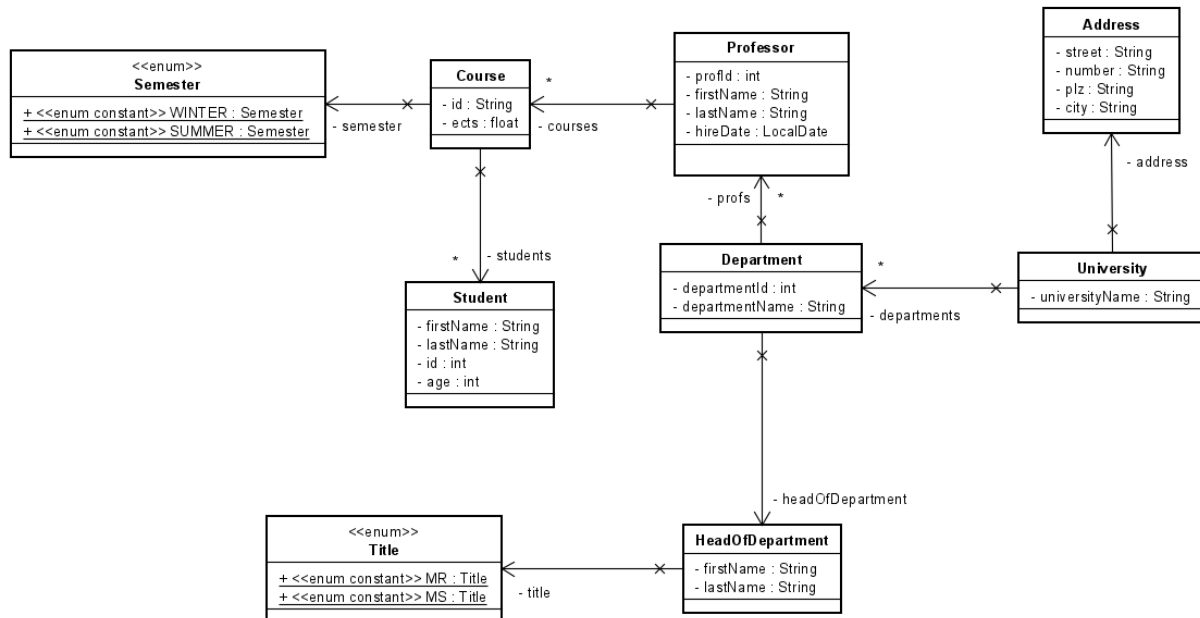


Annotations EXERCISE 1

JSON, LOMBOK, REFLECTIONS

Your task is to create a Java-Console-Application to process a JSON file.

The JSON file contains universities, departments, teachers, courses and students.



Create the **pojos** classes according to the class diagram. You should implement the following annotations and classes:

annotations.JsonProperty

- Annotation to change the name of a property
- A **value** can be set there

annotations.JsonIgnore

- Annotation to not serialize or deserialize a property

annotations.JsonFormat

- Annotation to set the format for Date serialization and deserialization

io.JSON_IO.java

- Implement **serialize()** and **deserialize()** to write and read a JSON file.
- Read the file **university_data.json**
 - You can assume that the JSON file is in a pretty format and all objects are always in the same order
- Create all the references and manipulate some of the data.
- Write a new file **data.json**. Make sure to pretty print your file.

Have fun! 😊