



Specialization: Mathematics and Computer Science
Course: Advanced Programming Methods

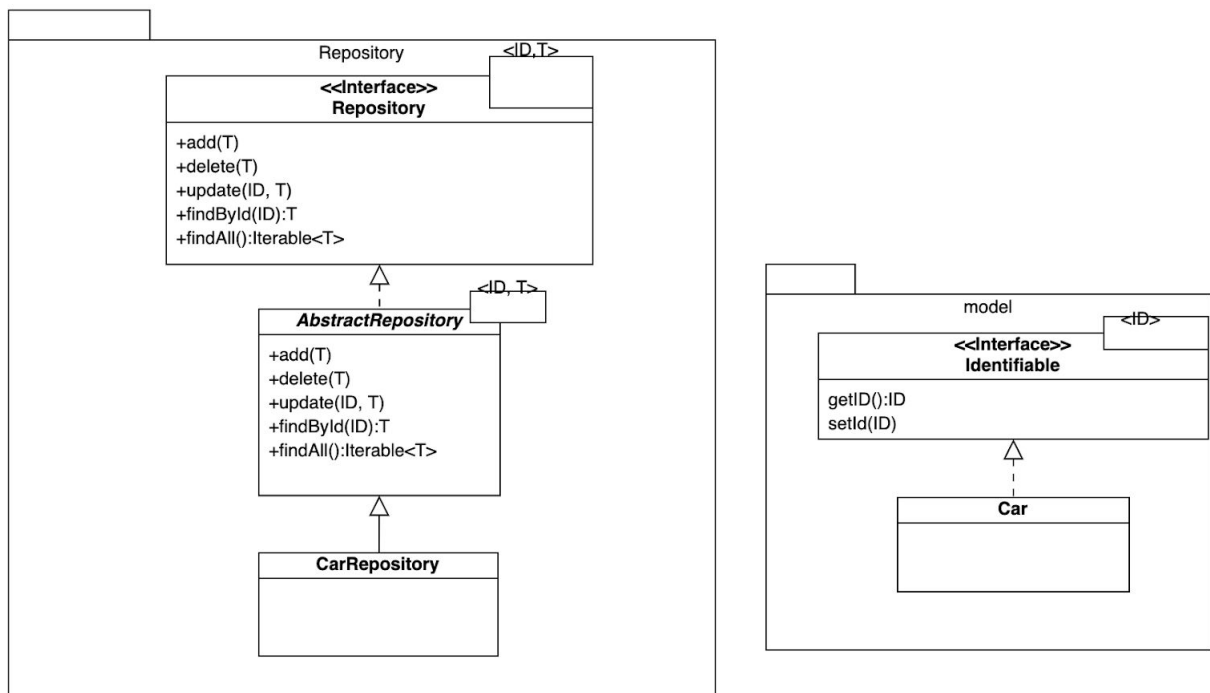
Lab 3 Assignments

Repositories

Lab-assignment:

For the class implemented for Lab-assignment 2, design and implement an in-memory repository using Java generics. The repository should contain only the CRUD operations. Write a test program for the in-memory repository that will:

- add a few objects to the repository,
- print all the elements,
- search for an element,
- delete an element,
- update an element,
- print again all the elements from the repository.



Home-assignment:

Continue designing and implementing the problem that you have chosen for home-assignment 2. For the next lab you have to implement classes in the repository that allow storing (and retrieving) the data in two formats:

- text files
- binary files, using the Java serialization mechanism.