

## SEMINAR 2

For this seminar do the following:

- Define a superclass/interface for any identifiable entity. This will represent any entity having an ID (e.g. doctor, patient, appointment).
- Write a Java class that keeps information about a patient: *name, address, phone number*.
- Define a repository which uses a data structure from Java to store all doctors/patients and make sure to provide an iterator for it.
- Filter doctors by various criteria (e.g. specialty, location). Use a *Filter* interface with a method *accept* and implement this interface in various classes, according to the required filters.