**Lesson 2. Building a Spring Boot Web App.**

Book and authors example code (Many to Many):

Book:

@ManyToMany  
@JoinTable(name = "author\_book", joinColumns = @JoinColumn(name="book\_id"),  
 inverseJoinColumns = @JoinColumn(name = "author\_id"))  
private Set<Author> authors = new HashSet<>();

Author:

@ManyToMany(mappedBy = "authors")  
private Set<Book> books = new HashSet<>();

Do not forget ID column:

@Id  
@GeneratedValue(strategy = GenerationType.*AUTO*)  
private Long id;

Implement equal and hash

Spring data repositories:

* Provides an implementation of the repository pattern
* Concept is originally from Eric Evans’ book Domain Driven Design
* A Repository has methods for retrieving domain objects should delegate a specialized Repository object such that alternative storage implementation may be interchanged
* This is important. It allows you to easily substitute the persistence layer