Spring-data training

1. Setup
   * Clone project from Github
   * Import project to Eclipse
2. Input, project skeleton
   * Entities, Dao, services
   * Configuration
   * Logging config
3. Testing
   * Show classes
     1. AppTest
     2. AbstractIntegartionTest
     3. DatabasePopulationTest
     4. CountyServiceTest
   * Create ingeration test
4. Spring data setup, CrudRepo
   * @EnableJpaRepositories
   * Create repository
   * Update test
   * + param example
5. PageAndSortingRepo
   * Modifiy integration test
6. JPA Repository
   * saveAndFlush
7. No repository bean
   * ReadOnlyRepository
8. Implementation
   * CountyRepositoryImpl
9. @Transactional
   * timeout
     1. @Commit
10. @Auditable
    * Move audit fields to the entities
    * @EntityListeners(AuditingEntityListener.class)
    * TestAuditorServiceConfig
11. Unit testing
    * Show unit test
12. Mongo DB
    * pom.xml
    * Enable Mongo config
      1. MongoDB server: mlab.com/
    * Add to entity: @Document(collection = "city")
    * Remove every JPA specific function
    * Run the test