**Enterprise Java Week 3.1**

* Injection and IoC
  + Dependecy Injection and Inversion Of Control
  + When we ask for an instance of something, and it will appear
  + Inversion of control container
  + Dependency
    - Simple to create
    - When one class depends on another
  + The spring container injects objects into other objects or dependencies
  + Allows loose coupling of components
  + Dependency Injection
    - The class we inject a dependency into has no responsibility for instantiating the object
  + Inversion of Control
    - We annotate the classes we want to instantiate, then Spring keeps it on ice in the IoC container until we ask for it
    - @Component, an annotation that makes spring instantiate a class
    - @Autowired, annotation tells Spring to give us an instance