

Week 2 Day 5

Java Testing with Databases



Java testing framework which allows mocking

- Allows black box testing
- Allows testing of methods with dependencies with mocks and stubs
- Stub
 - Fake class with preprogrammed returns
- Mock
 - Fake class which can be examined for interactions

Mockito uses annotations to setup its mocks

- Use `@Mock` above the object/class you want to mock
- Any dependencies needed for a method can be supplied with the `@InjectMocks` annotation
- To enable mocking you must use the `MockitoAnnotations.openMocks(this)` inside of a `@Before` method in JUnit



Mockito Testing the Service Layer

