14\_SpringTest\_Assignment2

**Code Snippets:**

Test Class:

**package** com.mcnz.rps.smvc;

**import** **static** org.junit.Assert.*assertEquals*;

**import** **static** org.mockito.Mockito.*when*;

**import** java.util.ArrayList;

**import** java.util.List;

**import** org.junit.Before;

**import** org.junit.Test;

**import** org.junit.runner.RunWith;

**import** org.mockito.InjectMocks;

**import** org.mockito.Mock;

**import** org.mockito.MockitoAnnotations;

**import** org.mockito.junit.MockitoJUnitRunner;

@RunWith(MockitoJUnitRunner.**class**)

**public** **class** SubjectTest {

@InjectMocks

SubjectServiceImpl service;

@Mock

SubjectRepository dao;

@Before

**public** **void** init() {

MockitoAnnotations.*initMocks*(**this**);

}

@Test

**public** **void** getAllSubjectsTest()

{

List<Subject> list = **new** ArrayList<Subject>();

Subject sub1 = **new** Subject("Phy",100);

Subject sub2 = **new** Subject("Chem", 200);

list.add(sub1);

list.add(sub2);

*when*(dao.getEmployeeList()).thenReturn(list);

*when*(service.getAllSubjects()).thenReturn(list);

*assertEquals*("Phy", list.get(0).getSubtitle());

verify(dao, times(1)).getEmployeeList();

}

}

Output screenshot:

