Writing JUNIT Test Case

1. Replace the new version inside the pom.xml file of junit with 4.12.
2. Create ProductsTestCase Class inside the test package of com.health.HealthMedicineQuestbackEnd package.
3. Type the following code inside the class:

**package** com.health.HealthMedicineQuestBackEnd.test;

**import** org.junit.BeforeClass;

**import** org.junit.Test;

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

**import** org.springframework.context.annotation.AnnotationConfigApplicationContext;

**import** com.health.HealthMedicineQuestBackEnd.dao.IProductDAO;

**import** com.health.HealthMedicineQuestBackEnd.model.Product;

**public** **class** ProductsTestCase {

**private** **static** AnnotationConfigApplicationContext *context*;

**private** **static** IProductDAO *productDAO*;

**private** **static** Product *product*;

@BeforeClass

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

*context*=**new** AnnotationConfigApplicationContext();

*context*.scan("com.health.HealthMedicineQuestBackEnd");

*context*.refresh();

*productDAO*=(IProductDAO)*context*.getBean("productDAO");

}

@Test

**public** **void** testAddProducts(){

*product*=**new** Product();

*product*.setProductName("SBL Homeocal Tabs (25g)");

*product*.setProductDescription("Optimise Bone Health, Relieves Osteoporosis, Calcium Deficiency");

*product*.setProductPrice(112);

*product*.setProductQuantity(15);

*product*.setImageUrl("HomeoCal.jpg");

*assertEquals*("Successfully added a product inside the table!", **true**, *productDAO*.addProducts(*product*));

}

}

2. Run as Junit Test