**Spring Tests**

import org.junit.Test;  
import org.junit.runner.RunWith;  
import org.springframework.beans.factory.annotation.Autowired;  
import org.springframework.boot.test.context.SpringBootTest;  
import org.springframework.boot.test.web.client.TestRestTemplate;  
import org.springframework.http.HttpStatus;  
import org.springframework.http.ResponseEntity;  
import org.springframework.test.context.junit4.SpringRunner;

@RunWith(SpringRunner.class)  
@SpringBootTest(webEnvironment = SpringBootTest.WebEnvironment.*RANDOM\_PORT*)  
public class FeatureTests {  
  
 @Autowired  
 private TestRestTemplate testRestTemplate;  
  
 @Test  
 public void getIndexReturn\_200() {

ResponseEntity<String> entity = testRestTemplate.getForEntity("/", String.class);  
  
 *assertThat*(entity.getStatusCode()).isEqualTo(HttpStatus.*OK*);  
 }  
}

Here, TestRestTemplate is provided by the spring boot test suite to call the rest API.