

# assumingThat() method

This lesson demonstrates how to use the `assumingThat` method in JUnit 5 to make conditional assumptions.

## We'll cover the following



- `assumingThat()`
- Demo

## assumingThat() #

Assumptions API in JUnit 5 has a static utility method called, `assumingThat()`. This method takes a boolean assumption and an Executable. It validates the given assumption and based on its outcome it decides whether to execute an Executable or not.

- If the assumption is invalid, this method does nothing.
- If the supplied assumption is valid, it executes the supplied Executable.

There are basically two useful overloaded methods for `assumingThat`.

```
1 public static void assumingThat  
2 public static void assumingThat
```



## Demo #

Let's look into the usage of the above methods.

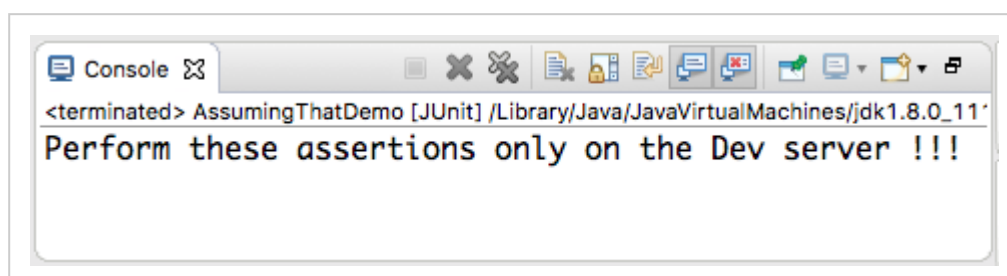
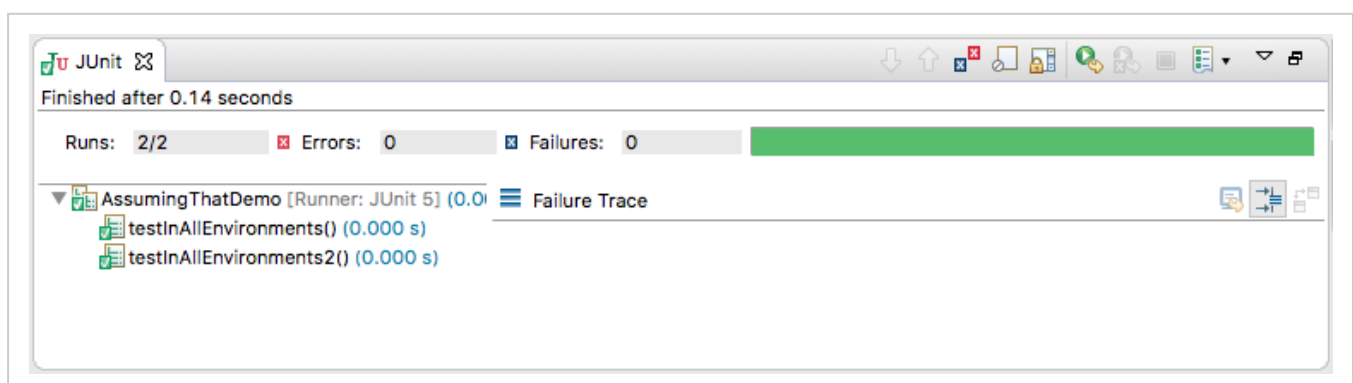
```
1 package io.educative.junit5;  
2  
3 import static org.junit.jupiter.api.Assertions.assertEquals;  
4 import static org.junit.jupiter.api.Assumptions.assumingThat;  
5  
6 import org.junit.jupiter.api.Test;  
7  
8 public class AssumingThatDemo {  
9
```



```

10  @Test
11  void testInAllEnvironments() {
12      System.setProperty("ENV", "DEV");
13      assumingThat("DEV".equals(System.getProperty("ENV")),
14          () -> {
15              // perform these assertions only on the Dev server
16              System.out.println("Perform these assertions only on the Dev server !!");
17              assertEquals(2, 1 + 1);
18          });
19
20      // perform these assertions in all environments
21      assertEquals(42, 40 + 2);
22  }
23
24  @Test
25  void testInAllEnvironments2() {
26      System.setProperty("ENV", "DEV");
27      assumingThat("PROD".equals(System.getProperty("ENV")),
28          () -> {
29              // perform these assertions only on the Prod server
30              System.out.println("Perform these assertions only on the Prod server !!!");
31              assertEquals(2, 1 + 1);

```



In the next chapter we will learn about Disable or Enable Tests in JUnit 5.