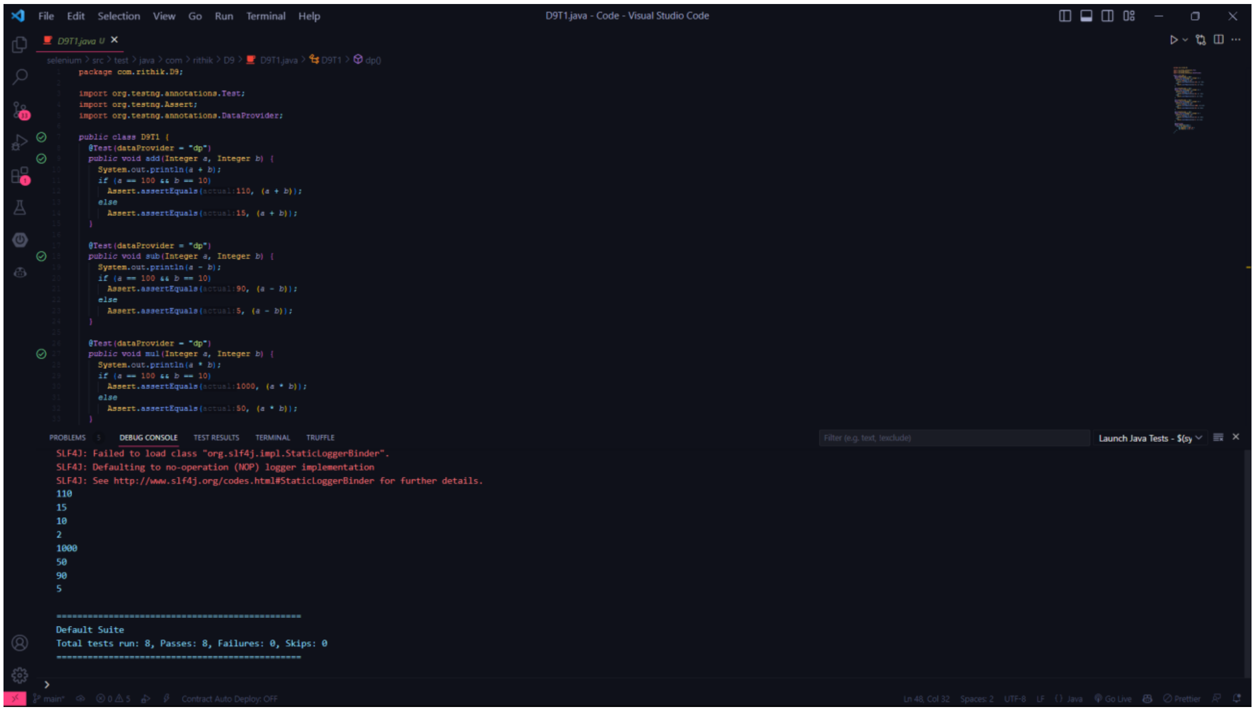
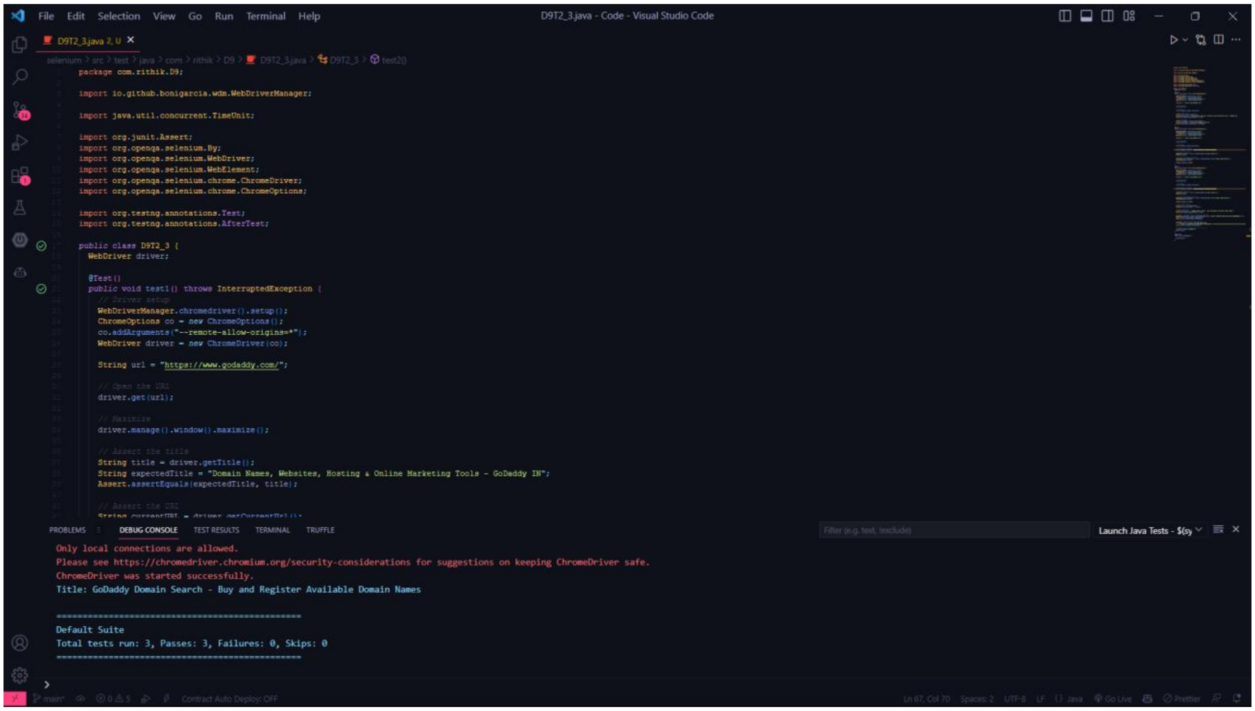
Task 1:


File Edit Selection View Go Run Terminal Help
D9T1.java - Code - Visual Studio Code
D9T1.java U
selenium > src > test > java > com > rithik > D9 > D9T1.java > D9T1 > dp()
PROBLEMS 5
DEBUG CONSOLE
TEST RESULTS
TERMINAL
TRUFFLE
Filter (e.g. text, !exclude)
Launch Java Tests - $(sy
main* ⓧ 0 ⚠ 5 Contract Auto Deploy: OFF
Ln 48, Col 32 Spaces: 2 UTF-8 LF {} Java Go Live Prettier

```java
package com.rithik.D9;

import org.testng.annotations.Test;
import org.testng.Assert;
import org.testng.annotations.DataProvider;

public class D9T1 {
  @Test(dataProvider = "dp")
  public void add(Integer a, Integer b) {
    System.out.println(a + b);
    if (a == 100 && b == 10)
      Assert.assertEquals(actual:110, (a + b));
    else
      Assert.assertEquals(actual:15, (a + b));
  }

  @Test(dataProvider = "dp")
  public void sub(Integer a, Integer b) {
    System.out.println(a - b);
    if (a == 100 && b == 10)
      Assert.assertEquals(actual:90, (a - b));
    else
      Assert.assertEquals(actual:5, (a - b));
  }

  @Test(dataProvider = "dp")
  public void mul(Integer a, Integer b) {
    System.out.println(a * b);
    if (a == 100 && b == 10)
      Assert.assertEquals(actual:1000, (a * b));
    else
      Assert.assertEquals(actual:50, (a * b));
  }
```

```
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
110
15
10
2
1000
50
90
5

===============================================
Default Suite
Total tests run: 8, Passes: 8, Failures: 0, Skips: 0
===============================================
```

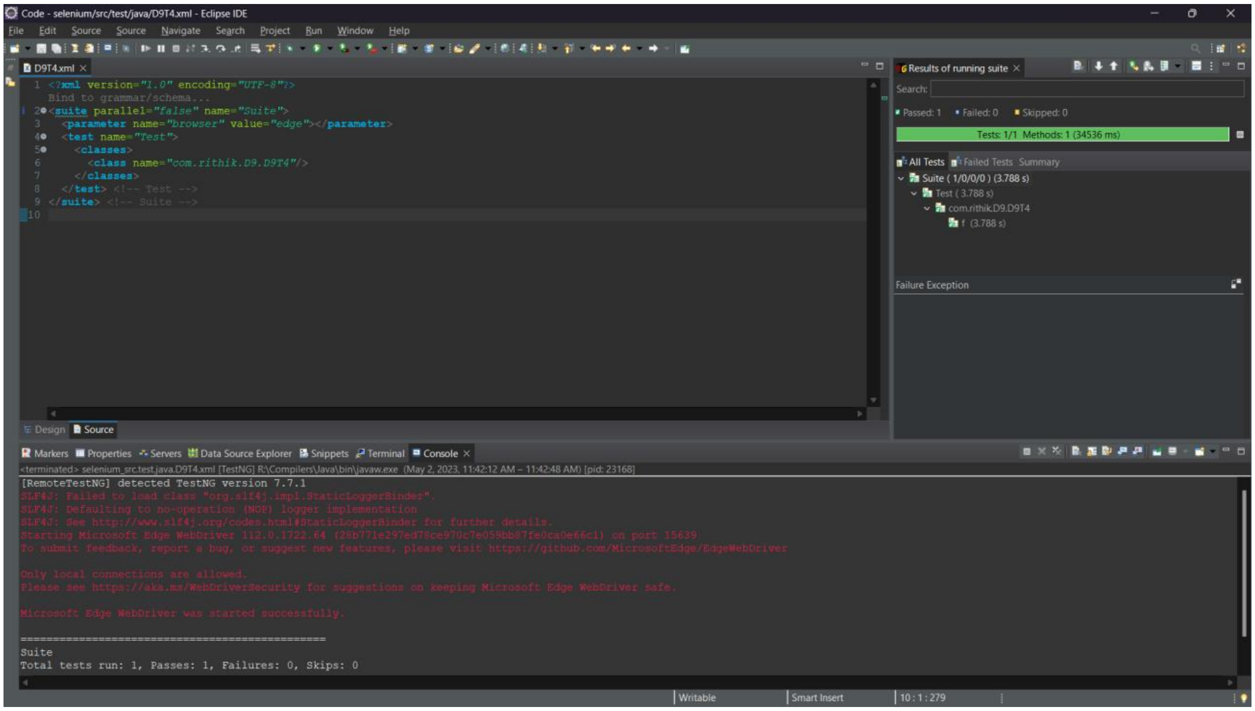
Task 2 and 3:


File Edit Selection View Go Run Terminal Help
D9T2_3.java - Code - Visual Studio Code
D9T2_3.java 2, U
selenium > src > test > java > com > rithik > D9 > D9T2_3.java > D9T2_3 > test2()
PROBLEMS
DEBUG CONSOLE
TEST RESULTS
TERMINAL
TRUFFLE
Filter (e.g. text, !exclude)
Launch Java Tests - $(sy
main* ⓧ 0 ⚠ 5 Contract Auto Deploy: OFF
Ln 67, Col 70 Spaces: 2 UTF-8 LF {} Java Go Live Prettier

```java
package com.rithik.D9;

import io.github.bonigarcia.wdm.WebDriverManager;

import java.util.concurrent.TimeUnit;

import org.junit.Assert;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;

import org.testng.annotations.Test;
import org.testng.annotations.AfterTest;

public class D9T2_3 {
  WebDriver driver;

  @Test()
  public void test1() throws InterruptedException {
    // Driver setup
    WebDriverManager.chromedriver().setup();
    ChromeOptions co = new ChromeOptions();
    co.addArguments("--remote-allow-origins=*");
    WebDriver driver = new ChromeDriver(co);

    String url = "https://www.godaddy.com/";

    // Open the URL
    driver.get(url);

    // Maximize
    driver.manage().window().maximize();

    // Assert the title
    String title = driver.getTitle();
    String expectedTitle = "Domain Names, Websites, Hosting & Online Marketing Tools - GoDaddy IN";
    Assert.assertEquals(expectedTitle, title);

    // Assert the URL
    String currentURL = driver.getCurrentUrl();
```

```
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Title: GoDaddy Domain Search - Buy and Register Available Domain Names

===============================================
Default Suite
Total tests run: 3, Passes: 3, Failures: 0, Skips: 0
===============================================
```

Task 4:



```
<?xml version="1.0" encoding="UTF-8"?>
Bind to grammar/schema...
<suite parallel="false" name="Suite">
  <parameter name="browser" value="edge"></parameter>
  <test name="Test">
    <classes>
      <class name="com.rithik.D9.D9T4"/>
    </classes>
  </test> <!-- Test -->
</suite> <!-- Suite -->
```

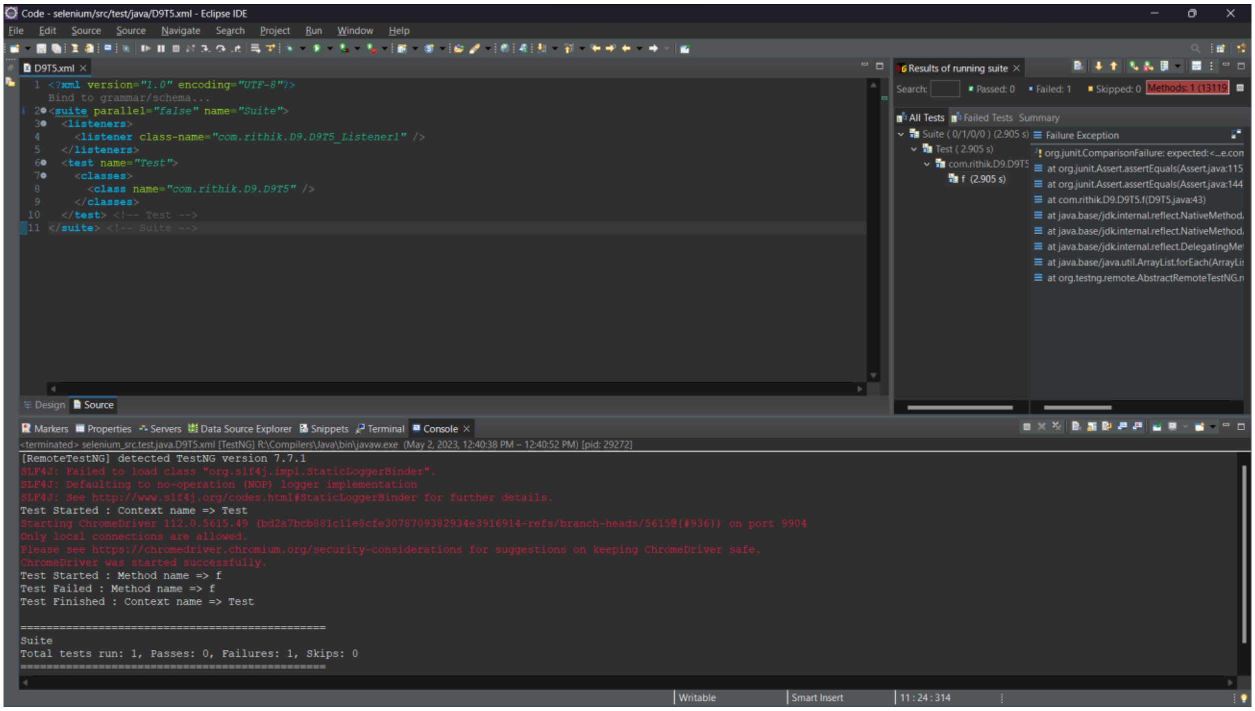
Passed: 1 Failed: 0 Skipped: 0

Tests: 1/1 Methods: 1 (34536 ms)

```
Suite ( 1/0/0/0 ) (3.788 s)
  Test ( 3.788 s)
    com.rithik.D9.D9T4
      f  (3.788 s)
```

```
<terminated> selenium_src.test.java.D9T4.xml [TestNG] R:\Compilers\Java\bin\javaw.exe  (May 2, 2023, 11:42:12 AM – 11:42:48 AM) [pid: 23168]
[RemoteTestNG] detected TestNG version 7.7.1
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
Starting Microsoft Edge WebDriver 112.0.1722.64 (28b771e297ed78ce970c7e059bb87fe0ca0e66c1) on port 15639
To submit feedback, report a bug, or suggest new features, please visit https://github.com/MicrosoftEdge/EdgeWebDriver

Only local connections are allowed.
Please see https://aka.ms/WebDriverSecurity for suggestions on keeping Microsoft Edge WebDriver safe.

Microsoft Edge WebDriver was started successfully.

===============================================
Suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
```

Task 5:



```
<?xml version="1.0" encoding="UTF-8"?>
Bind to grammar/schema...
<suite parallel="false" name="Suite">
  <listeners>
    <listener class-name="com.rithik.D9.D9T5_Listener1" />
  </listeners>
  <test name="Test">
    <classes>
      <class name="com.rithik.D9.D9T5" />
    </classes>
  </test> <!-- Test -->
</suite> <!-- Suite -->
```

Passed: 0 Failed: 1 Skipped: 0 Methods: 1 (13119

```
Suite ( 0/1/0/0 ) (2.905 s)
  Test ( 2.905 s)
    com.rithik.D9.D9T5
      f  (2.905 s)
```

```
org.junit.ComparisonFailure: expected:<...e.com
at org.junit.Assert.assertEquals(Assert.java:115
at org.junit.Assert.assertEquals(Assert.java:144
at com.rithik.D9.D9T5.f(D9T5.java:43)
at java.base/jdk.internal.reflect.NativeMethod.
at java.base/jdk.internal.reflect.NativeMethod.
at java.base/jdk.internal.reflect.DelegatingMe
at java.base/java.util.ArrayList.forEach(ArrayLi
at org.testng.remote.AbstractRemoteTestNG.r
```

```
<terminated> selenium_src.test.java.D9T5.xml [TestNG] R:\Compilers\Java\bin\javaw.exe  (May 2, 2023, 12:40:38 PM – 12:40:52 PM) [pid: 29272]
[RemoteTestNG] detected TestNG version 7.7.1
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
Test Started : Context name => Test
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 9904
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Test Started : Method name => f
Test Failed : Method name => f
Test Finished : Context name => Test

===============================================
Suite
Total tests run: 1, Passes: 0, Failures: 1, Skips: 0
===============================================
```