

1. Open - <https://www.techlistic.com/p/demo-selenium-practice.html>
2. Print the values of the table column-wise. (Google-Meta-Microsoft and so on)
3. Print the values of the table row-wise. (Google - Maria Anders - Ger
4. Verify that Roland Mendel works in Microsoft and lives in Austria.

SOL:

```
package Selenium;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.Assert;
import org.testng.annotations.AfterTest;
import org.testng.annotations.BeforeTest;
import org.testng.annotations.Test;
public class tabdy {
    WebDriver driver;
    @BeforeTest
    public void a()
    {
        System.setProperty("webdriver.chrome.driver",
"C:\\\\Users\\pa.puja\\Downloads\\chromedriver_win32\\chromedriver.exe");
        driver = new ChromeDriver();
        driver.get("https://www.techlistic.com/p/demo-selenium-
practice.html");
    }
    @Test
    public void b()
    {
        int row_val =
driver.findElements(By.xpath("//*[@id='customers']/tbody/tr")).size();
        System.out.println(row_val);
        int col_val =
driver.findElements(By.xpath("//*[@id='customers']/tbody/tr[2]/td")).size()
;
        System.out.println(col_val);
        System.out.println("PRINTING ROW WISE");
        for(int i=2;i<=row_val;i++)
        {
            for(int j=1; j<=col_val;j++)
            {
                String s =
driver.findElement(By.xpath("//*[@id='customers']/tbody/tr[" +i+ "]/td["
+j+ "]" )).getText();
                System.out.print(s + "-" + " ");
            }
            System.out.println("");
        }
        System.out.println("PRINTING COL WISE");
        for(int i=1;i<=col_val;i++)
```

```

        {
            for(int j=2; j<=row_val;j++)
            {
                String s =
driver.findElement(By.xpath("//*[@id='customers']/tbody/tr[" +j+ "]/td["
+i+ "]" )).getText();
                System.out.print(s + "-" + " ");

            }
            System.out.println("");
        }
        System.out.println("Verifying if Roland Mendel works in Microsoft
and lives in Austria.");
        String s =
driver.findElement(By.xpath("//*[@id='customers']/tbody/tr[4]/td[1]")).getT
ext(); //micro
        System.out.println(s);
        String s1 =
driver.findElement(By.xpath("//*[@id='customers']/tbody/tr[4]/td[3]")).getT
ext(); //austria
        System.out.println(s1);
        if(s.equals("Microsoft") && s1.equals("Austria"))
        {
            String s2 =
driver.findElement(By.xpath("//*[@id='customers']/tbody/tr[4]/td[2]")).getT
ext();
            System.out.println(s2);
            Assert.assertEquals("Roland Mendel",s2); // since they are same
no error is shown
        }
        else {
            Assert.fail();
        }
    }
    @AfterTest
    public void c()
    {
        driver.quit();
    }
}

```

OUTPUT:

PRINTING ROW WISE

Google- Maria Anders- Germany-

Meta- Francisco Chang- Mexico-

Microsoft- Roland Mendel- Austria-

Island Trading- Helen Bennett- UK-

Adobe- Yoshi Tannamuri- Canada-

Amazon- Giovanni Rovelli- Italy-

PRINTING COL WISE

Google- Meta- Microsoft- Island Trading- Adobe- Amazon-

Maria Anders- Francisco Chang- Roland Mendel- Helen Bennett- Yoshi Tannamuri- Giovanni Rovelli-

Germany- Mexico- Austria- UK- Canada- Italy-

Verifying if Roland Mendel works in Microsoft and lives in Austria.

Microsoft

Austria

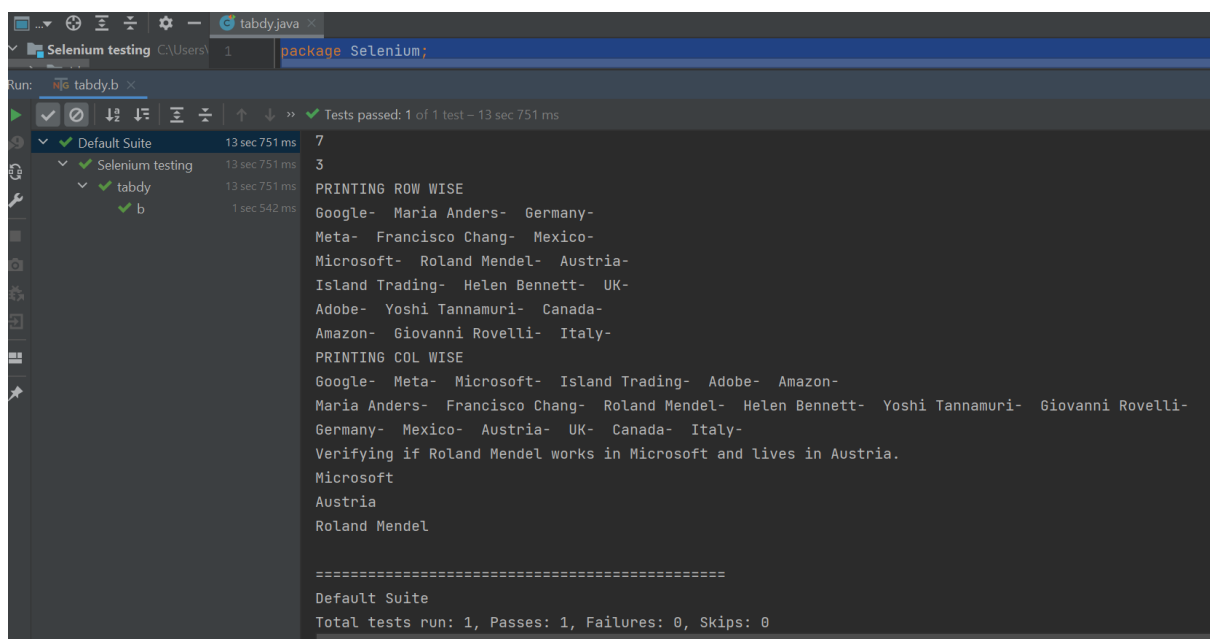
Roland Mendel

=====

Default Suite

Total tests run: 1, Passes: 1, Failures: 0, Skips: 0

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The screenshot shows an IDE window titled 'tabdy.java' with a Selenium testing package. The 'Run' tab displays the test results for the 'Default Suite'. The test suite 'Selenium testing' passed, and the test 'tabdy' passed. The output of the test is displayed in the console, showing the names of the companies and countries being tested, followed by the verification message and the final test results.

```
package Selenium;

Run: tabdy.b x
Tests passed: 1 of 1 test - 13 sec 751 ms

Default Suite 13 sec 751 ms 7
  Selenium testing 13 sec 751 ms 3
    tabdy 13 sec 751 ms
      b 1 sec 542 ms

PRINTING ROW WISE
Google- Maria Anders- Germany-
Meta- Francisco Chang- Mexico-
Microsoft- Roland Mendel- Austria-
Island Trading- Helen Bennett- UK-
Adobe- Yoshi Tannamuri- Canada-
Amazon- Giovanni Rovelli- Italy-
PRINTING COL WISE
Google- Meta- Microsoft- Island Trading- Adobe- Amazon-
Maria Anders- Francisco Chang- Roland Mendel- Helen Bennett- Yoshi Tannamuri- Giovanni Rovelli-
Germany- Mexico- Austria- UK- Canada- Italy-
Verifying if Roland Mendel works in Microsoft and lives in Austria.
Microsoft
Austria
Roland Mendel

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