

## Assignment 4

This assignment will test your skills on Java.

### 3. Problem Statement

#### Assignment 4.1

- Please try to configure Chrome Browser and navigate to <https://datatables.net/>
- Click on the Name (Eg: Airi Satou) which expands and gives you the salary details from the table.
- Similarly get all the salary details from the table and calculate the total salary of all the employee and provide the result.

#### Code Description:

In this program I have used dynamic table concept and have performed the automation on **datables.net** site to get the total salary for the employee shown in that page.

Also in the code I have used `+Integer.parseInt(salary);` to convert the string value to integer value.

`salEle.getText().` Is used to get the salary for all the employee.

`replace("$", "").replace(",", "");` used to replace the \$ and , symbol from salary

`System.out.println("Total salary in page1 = " +total);` its printing the total salary .

#### Out put

```
Console
<terminated> DataTableProj [Java Application] C:\Program Files\Java\jdk-11.0.1\bin\javaw.exe (Nov 30, 2018, 11:05:12 PM)
Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port 45388
Only local connections are allowed.
Nov 30, 2018 11:05:15 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
rows : 10
cols : 6
Total salary in page1 = 3008160
```

## Assignment 4.2

### Task

- Please try to configure Chrome Browser and navigate to <https://www.amazon.in/>
- Search for Laptops.
- Print the total number of links on the page.

Also print the link and link text of the page.

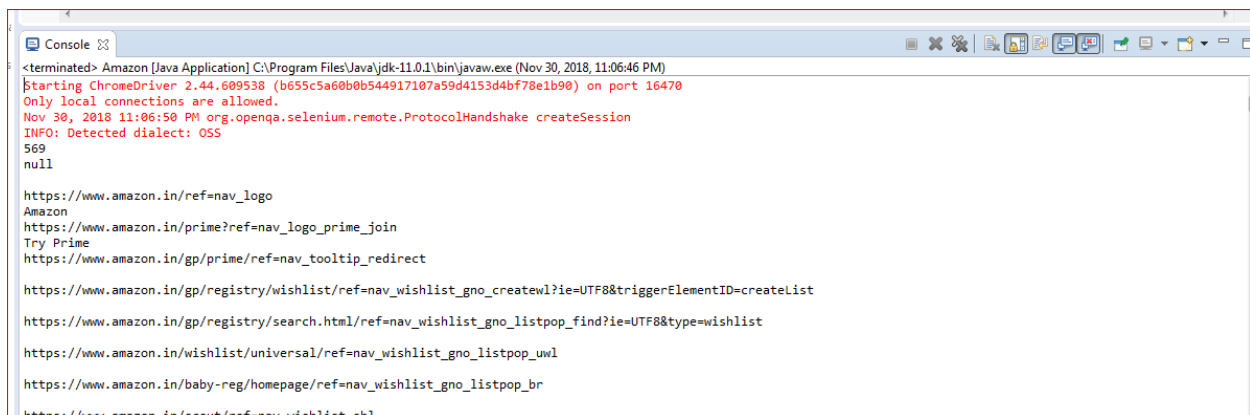
**Code Description:** In this program I have automated the amazon site by searching the text called “Laptops” in the search box and then I have counted the total number of links and link text also.

```
WebElement search= driver.findElement(By.id("twotabsearchtextbox"));
    search.sendKeys("Laptops") : this is sending the text laptop in search
box
```

```
List<WebElement> linksEle = driver.findElements(By.tagName("a"));
    int noOffLinks= linksEle.size();: this is the total num of anchor tag
or link that we are saving in list format .
```

```
String text = linkEle.getText();
                                System.out.println(text); : this is printing the
link text
```

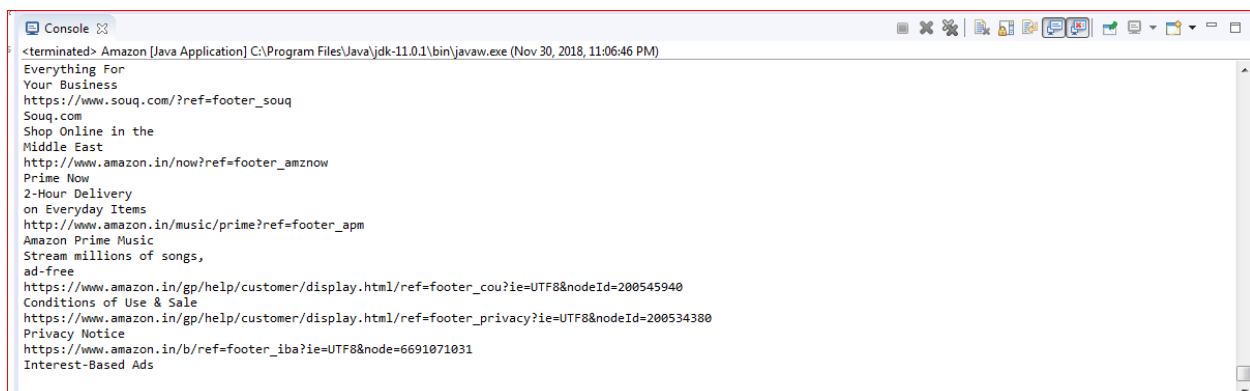
**OutPut:**



```
<terminated> Amazon [Java Application] C:\Program Files\Java\jdk-11.0.1\bin\javaw.exe (Nov 30, 2018, 11:06:46 PM)
Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port 16470
Only local connections are allowed.
Nov 30, 2018 11:06:50 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
569
null

https://www.amazon.in/ref=nav_logo
Amazon
https://www.amazon.in/prime?ref=nav_logo_prime_join
Try Prime
https://www.amazon.in/gp/prime/ref=nav_tooltip_redirect

https://www.amazon.in/gp/registry/wishlist/ref=nav_wishlist_gno_createwl?ie=UTF8&triggerElementID=createList
https://www.amazon.in/gp/registry/search.html/ref=nav_wishlist_gno_listpop_find?ie=UTF8&type=wishlist
https://www.amazon.in/wishlist/universal/ref=nav_wishlist_gno_listpop_uwl
https://www.amazon.in/baby-reg/homepage/ref=nav_wishlist_gno_listpop_br
https://www.amazon.in/scout/ref=nav_wishlist_shl
```



```
<terminated> Amazon [Java Application] C:\Program Files\Java\jdk-11.0.1\bin\javaw.exe (Nov 30, 2018, 11:06:46 PM)
Everything For
Your Business
https://www.souq.com/?ref=footer_souq
Souq.com
Shop Online in the
Middle East
http://www.amazon.in/now?ref=footer_amznw
Prime Now
2-Hour Delivery
on Everyday Items
http://www.amazon.in/music/prime?ref=footer_apm
Amazon Prime Music
Stream millions of songs,
ad-free
https://www.amazon.in/gp/help/customer/display.html/ref=footer_cou?ie=UTF8&nodeId=200545940
Conditions of Use & Sale
https://www.amazon.in/gp/help/customer/display.html/ref=footer_privacy?ie=UTF8&nodeId=200534380
Privacy Notice
https://www.amazon.in/b/ref=footer_iba?ie=UTF8&node=6691071031
Interest-Based Ads
```