

1.Problem statement:

- 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.

2. code with comments:

```
package com.ibm.seleniumconcepts;

import java.util.List;
import java.util.concurrent.TimeUnit;

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.support.ui.WebDriverWait;

public class TableSalaryAdd {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        System.setProperty("webdriver.gecko.driver",
"./drivers/geckodriver.exe");
        System.setProperty("webdriver.chrome.driver",
"./drivers/chromedriver.exe");
        System.setProperty("webdriver.ie.driver",
"./drivers/IEDriverServer.exe");
        WebDriver driver=new ChromeDriver();
        WebDriverWait wait= new WebDriverWait(driver, 60);
        driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);

        driver.get("https://datatables.net");
        List<WebElement>
rowList=driver.findElements(By.xpath("//table[@id='example']/tbody/tr"));
        int Rsize=rowList.size();
        List<WebElement>
clmns=driver.findElements(By.xpath("//table[@id='example']/tbody/tr[1]/td"));
        int Csize=clmns.size();
        System.out.println("Row Size:"+Rsize+"Couolumn Size:"+Csize);
        int total=0;

        for(int i=1;i<=Rsize;i++)
        {
            int j=0;
            j=i+1;
            WebElement
nameEle=driver.findElement(By.xpath("//table[@id='example']/tbody/tr["+i+"]/td[1]"));
```

```

        nameEle.click();
        WebElement
salEle=driver.findElement(By.xpath("//table[@id='example']/tbody/tr["+j+"]/td[1]/descendant::span)[2]"));

        String salary=salEle.getText().trim().replace("$","").replace(",","");
        total=total+Integer.parseInt(salary);
        nameEle.click();
    }
    System.out.println("Total of salary in Page 1"+total);
}
}

```

3. Explanation of the code:

Used for loop to select salary from each row and add it one by one to give the total salary

4. Result flow in detail:

Used for loop to select salary from each row and add it one by one to give the total salary

5. Output screenshot:

