102. How to Perform Scrolling with in table and Window level using java script executor

how to handle scrolling on webpages.

Chrome will provide some inbuilt service where it executes your automation test

without opening the browser, but it does all the operations what you want to do.

these days most of the companies are trying to run their tests in headless mode.

where this table will come like this in visible mode. And then you perform operation so that your test will be always stable.

there is one class called JavaScriptExecutor which will help you to execute JavaScript-related things.

if you want to run any JavaScript on your browser you can do it from your console.

Come to the console, and there is something called window.scroll.

Browser console – ( Window.scrollBy(0,500) ) so that complete browser will scroll down.

what if you want to scroll inside your table?

when you have a scroll inside one component first you have to write a document.querySelector get the CSS of that entire component.

And then on that component go ahead and apply scroll.

document.querySelector(“.tablefixhead”).scrolltop=500

103. How to handle table Grids in webpage

let's iterate through each and every web element and sum them.

 if you want to sum 28 plus 23. Those should be in integer format. But get text will written you string format. So if they're written in string format.

How do you sum to strings?

 how can you convert a string to integer?

Interger.parseInt ( );

Now string will convert to integer

104. Parsing String and comparing with Generated Sum value -Exercise

 now let's get the string and cut the string into two pieces so that we need to 296

and then convert this to 296 string into integer so that you can compare that with this some integer.

102 to 104 -  we discussed on JavaScript executer and scrolling and also converting

strings to integer and parsing your string.

WebDriver driver =**new** ChromeDriver();

driver.get("https://rahulshettyacademy.com/AutomationPractice/");

JavascriptExecutor js = (JavascriptExecutor)driver;

js.executeScript("window.scrollBy(0,500)");

js.executeScript("document.querySelector('.tableFixHead').scrollTop=5000");

List<WebElement>values=driver.findElements(By.*cssSelector*(".tableFixHead td:nth-child(4)"));

**int** sum=0;

**for**(**int** i=0;i<values.size();i++)

{

sum = sum + Integer.*parseInt*(values.get(i).getText());

}

System.***out***.println(sum);

driver.findElement(By.*cssSelector*(".totalAmount")).getText();

**int** total =Integer.*parseInt*(driver.findElement(By.*cssSelector*(".totalAmount")).getText().split(":")[1].trim());

Assert.*assertEquals*(sum, total);

Assignment 7

WebDriver driver =**new** ChromeDriver();

//driver.get("https://rahulshettyacademy.com/AutomationPractice/");

driver.get("http://qaclickacademy.com/practice.php");

WebElement table=driver.findElement(By.*id*("product"));

System.***out***.println(table.findElements(By.*tagName*("tr")).size());

System.***out***.println(table.findElements(By.*tagName*("tr")).get(0).findElements(By.*tagName*("th")).size());

List<WebElement> secondrow=table.findElements(By.*tagName*("tr")).get(2).findElements(By.*tagName*("td"));

System.***out***.println(secondrow.get(0).getText());

System.***out***.println(secondrow.get(1).getText());

System.***out***.println(secondrow.get(2).getText());

Assignment 8

WebDriver driver =**new** ChromeDriver();

driver.get("http://qaclickacademy.com/practice.php");

driver.findElement(By.*id*("autocomplete")).sendKeys("ind");

Thread.*sleep*(2000);

driver.findElement(By.*id*("autocomplete")).sendKeys(Keys.***DOWN***);

driver.findElement(By.*id*("autocomplete")).sendKeys(Keys.***DOWN***);

System.***out***.println(driver.findElement(By.*id*("autocomplete")).getAttribute("value"));