Hi All,

I am Jyothi Suparna A.

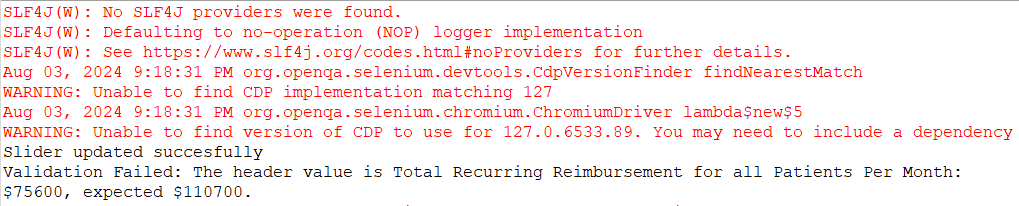
Thank you for taking the time to review my application!

I have completed the assignment you provided. I used Selenium WebDriver to automate the Fitpeo webpage as requested. I am attaching a ZIP file containing my code for your review. Additionally, I am including the same code below to ensure you have it readily available.

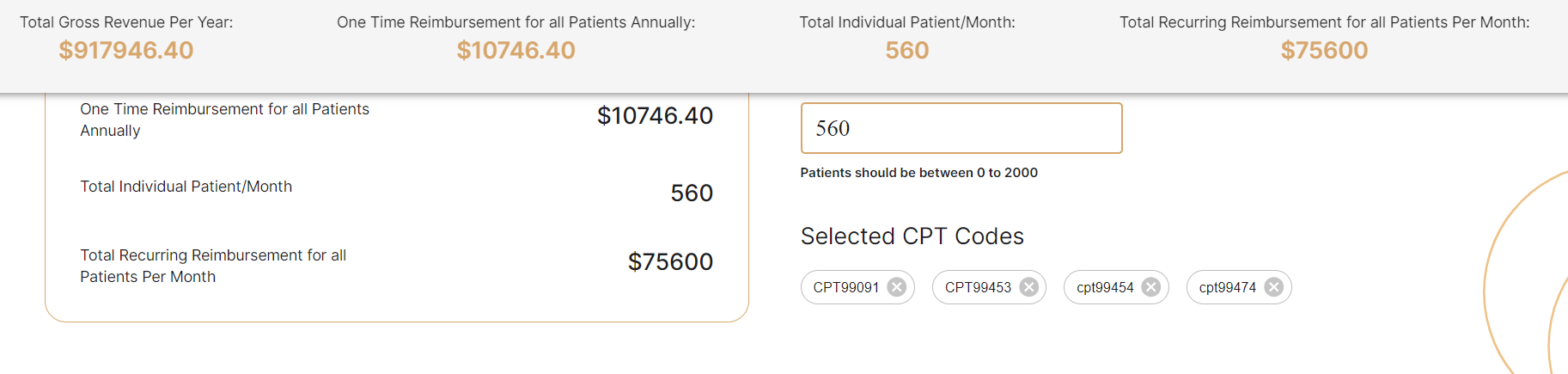
I am attaching the output of my execution below.(screen capture-1)

Note: Kindly, cross check point 8 and 9 in your assignment- the sum is not equals to something what you provided. Attaching the screenshot below for reference.(screen capture-2)

screen capture-1



screen capture-2



Eclipse with selenium dependencies will be useful to run the below code

**Code Starts from here:**

package Selenium;

import java.time.Duration;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.Keys;

import org.openqa.selenium.Point;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.interactions.Actions;

import org.openqa.selenium.remote.RemoteWebElement;

import org.openqa.selenium.support.ui.ExpectedConditions;

import org.openqa.selenium.support.ui.WebDriverWait;

import io.github.bonigarcia.wdm.WebDriverManager;

public class FitPeo\_Assignment {

public static void main(String[] args) throws InterruptedException {

// TODO Auto-generated method stub

// ChromeDriver executable

WebDriverManager.chromedriver().setup();

// Initialize ChromeDriver

WebDriver driver= new ChromeDriver();

//Maximize the Chrome window

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

// Initialize WebDriverWait with a timeout of 5 seconds

WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(5));

// 1. Navigate to the FitPeo Homepage

driver.get("https://www.fitpeo.com");

//2.Navigate to the Revenue Calculator Page:From the homepage, navigate to the Revenue Calculator Page.

// Wait for the element to be clickable and then click on Revenue Calculator Page

WebElement revenueCalculatorLink = wait.until(ExpectedConditions.elementToBeClickable(By.xpath("//div[text()=\"Revenue Calculator\"]")));

revenueCalculatorLink.click();

// 3.Scroll Down to the Slider section:Scroll down the page until the revenue calculator slider is visible.

// Wait for the visibility of the locator and identify it

WebElement sliderSection = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("//span[contains(@class,\"MuiSlider-root MuiSlider\")]")));

//Highlight the slider section

JavascriptExecutor js = (JavascriptExecutor) driver;

js.executeScript("arguments[0].style.border='3px solid red';", sliderSection);

//4.Adjust the Slider:Adjust the slider to set its value to 820. we’ve highlighted the slider in red color, Once the slider is moved the bottom text field value should be updated to 820

WebElement slider = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("//span[contains(@class,\"MuiSlider-thumb MuiSlider\")]")));

Actions actions = new Actions(driver);

//Drag the slider to it's x-axis/co-ordinate

actions.dragAndDropBy(slider, 93, 0);

Thread.sleep(5000);

//5.Update the Text Field: Click on the text field associated with the slider and Enter the value 560 in the text field. Now the slider also should change accordingly

//Locate text field

WebElement patients\_count = driver.findElement(By.xpath("//input[contains(@class,\"MuiInputBase-input\")]"));

Thread.sleep(5000);

actions.moveToElement(patients\_count).click().perform();

Thread.sleep(3000);

//Clear the text field

js.executeScript("arguments[0].value = '';", patients\_count);

Thread.sleep(3000);

actions.moveToElement(patients\_count).click().perform();

Thread.sleep(3000);

//Enter 560 in the text field

patients\_count.sendKeys("560");

Thread.sleep(3000);

//6.Validate Slider Value:Ensure that when the value 560 is entered in the text field, the slider's position is updated to reflect the value 560.

//Get the updated slider value

WebElement CurrentSliderValue= driver.findElement(By.xpath("//span[contains(@class,\"MuiSlider-thumb MuiSlider\")]/input"));

String UpdatedSliderValue = CurrentSliderValue.getAttribute("value");

if(UpdatedSliderValue.equals("560"))

System.out.println("Slider updated succesfully");

else

System.out.println("Slider not updated succesfully " + UpdatedSliderValue);

Thread.sleep(3000);

//7.Select CPT Codes: Scroll down further and select the checkboxes for CPT-99091, CPT-99453, CPT-99454, and CPT-99474.

String[] cptCodes = {"CPT-99091", "CPT-99453", "CPT-99454", "CPT-99474"};

// Iterate over each CPT code

for (String cptCode : cptCodes) {

// Click the checkbox associated with each CPT code

WebElement checkbox = driver.findElement(By.xpath("//p[contains(text(),'" + cptCode + "')]//parent::div/label/span/input[@type='checkbox']"));

Thread.sleep(3000);

checkbox.click();

// Double check- Click the checkbox if it is not already selected

if (!checkbox.isSelected()) {

checkbox.click();

}

}

//8.Validate Total Recurring Reimbursement:

//9.Verify that the header displaying Total Recurring Reimbursement for all Patients Per Month: shows the value $110700.

WebElement header = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("//p[contains(text(), 'Total Recurring Reimbursement for all Patients Per Month:')]")));

Thread.sleep(3000);

// Retrieve the Total Recurring Reimbursement:

String headerText = header.getText();

Thread.sleep(3000);

// Validate the Total Recurring Reimbursement:

if (headerText.contains("$110700")) {

System.out.println("Validation Passed: The header displays the correct value $110700.");

} else {

System.out.println("Validation Failed: The header value is " + headerText + ", expected $110700.");

}

driver.close();

}

}