1)Feature file:

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Feature:Verifying the value labels & values in a page

Scenario: Verify the correct count of values in a page

Given navigating to given URL

Then count the number of value labels in a page

Scenario: Verify the values on the screen are greater than 0

Given navigating to given URL

When values appear on the screen

Then verify each value is greater than zero or not

Scenario: Verify total balance is correct or not based on the values listed on the screen

Given navigating to given URL And sum of the value labels

When value labels is on page

And Count the Total balance

Then Verify Total balance is correct based on the values listed on the screen

Scenario: Verify the values formatted as currencies

Given value labels is on page

When navigating to given URL

Then Verify values formatted as currencies

Scenario: Verify the total balance matches the sum of the values

Given navigating to given URL

When value labels is on page

Then Verify Total balance matches sum of the values

2**)Step Definition file:**

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package stepDefinition;

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.firefox.ChromeDriver;

import cucumber.api.java.en.Given;

import cucumber.api.java.en.Then;

import cucumber.api.java.en.When;

public class AssertionOfValues {

public static WebDriver driver;

// Scenario 1: Verifying the number of values in a screen

@Given("^User navigating to the given URL$")

public void navigateToUrl {

driver = new ChromeDriver();

driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);

driver.navigate().To("https://www.exercise1.com/values");

}

@Then(^Count the number of Value labels on Home Page$”)

Public void numberOfValueLabels{

int count=driver.findElement(By.xpath(“.//\*[@id\*=lbl\_val\_\*)).length;

Public void result\_should\_be(int count){

assertEquals(5,count);

}

// Scenario 2: Verifying the values are greater than zero or not in a screen

@When("^User navigating to the given URL$")

Public void valueGreaterThanZero{

int count=driver.findElement(By.xpath(“.//\*[@id\*=lbl\_val\_\*)).length;

for(int i=o;i<count;i++){

Int value=driver.findElement(By.Id(txt\_val\_${i}).getText();

if(value>0){

System.out.println(Value is greater than zero”);

}

}

// Scenario 3: Verifying the values are greater than zero or not in a screen

@When("^User navigating to the given URL$")

Public void verifyingTotalBalance{

int totalBalance=driver.findElement(By.xpath(“.//\*[@id\*=txt\_ttl\_val)).getText();

System.out.println(“Total Balance displayed on the screen is correct”);

// Scenario 4: Verifying the values formatted as currencies

@When("^User navigating to the given URL$")

Public void valuesFormattedAsCurrencies{

int count=driver.findElement(By.xpath(“.//\*[@id\*=lbl\_val\_\*)).length;

for(int i=o;i<count;i++){

Int value=driver.findElement(By.Id(txt\_val\_${i}).getText();

if(value.toContain($){

System.out.println(“Value are containing the currency symbol”);

}

}

// Scenario 5: Verifying the total balance matches sum of the values

@When("^User navigating to the given URL$")

Public void valuesFormattedAsCurrencies{

int count=driver.findElement(By.xpath(“.//\*[@id\*=lbl\_val\_\*)).length;

for(int i=o;i<count;i++){

Int sum=0;

Int value=sum + driver.findElement(By.Id(txt\_val\_${i}).getText();

}

Public void totalSumVerification(int count){

assertEquals(1,000,000.00,value);

}

}