**package** Exam\_ref;

**import** **static** org.testng.AssertJUnit.*assertEquals*;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.chrome.ChromeDriver;

**public** **class** OpenCart {

**public** **static** **void** main(String[] args) {

System.*setProperty*("webdriver.chrome.driver","D:/Shanmugavadivu Ganesan/chromedriver.exe");

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

driver.get("https://demo.opencart.com/");

//\_\_\_\_Verify the title\_\_\_\_\_

String expectedTitle="Your Store";

String actualTitle=driver.getTitle();

**try** {

*assertEquals*(actualTitle,expectedTitle);

System.*out*.println("Title 'Your Store' verified");

} **catch** (Exception e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

//Click on item button

driver.findElement(By.*xpath*(".//\*[@id='cart']/button")).click();

//Get the message after clicking item button

String expectedMessage="Your shopping cart is empty!";

String actualMessage=driver.findElement(By.*xpath*(".//\*[@id='cart']/ul/li/p")).getText();

**try** {

*assertEquals*(actualMessage,expectedMessage);

System.*out*.println("Drop Down Message is verified");

} **catch** (Exception e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

//Click on contact button

driver.findElement(By.*xpath*(".//\*[@id='top-links']/ul/li[1]/a/i")).click();

String expectedHeading="Contact Us";

String actualHeading=driver.getTitle();

//verifing contactUs Title

**try** {

*assertEquals*(actualHeading,expectedHeading);

System.*out*.println("Contact Us Title has verified");

} **catch** (Exception e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

//verifying Telephone

String Telephone=driver.findElement(By.*xpath*(".//\*[@id='content']/div/div/div/div[2]")).getText();

**try** {

*assertEquals*(Telephone,"Telephone\n123456789");

System.*out*.println("Telephone verified");

} **catch** (Exception e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

//Enter name in textbox

driver.findElement(By.*xpath*(".//\*[@id='input-name']")).sendKeys("shanmuga");

//Invalid email\_id

driver.findElement(By.*xpath*(".//\*[@id='input-email']")).sendKeys("1234");

//Click on submit button

driver.findElement(By.*xpath*(".//\*[@id='content']/form/div/div/input")).click();

String actualEmailErrorMessage=driver.findElement(By.*xpath*(".//\*[@id='content']/form/fieldset/div[2]/div/div")).getText();

String expectedEmailErrorMessage="E-Mail Address does not appear to be valid!";

**try** {

*assertEquals*(actualEmailErrorMessage,expectedEmailErrorMessage);

System.*out*.println(actualEmailErrorMessage);

} **catch** (Exception e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

//To clear the value in email

driver.findElement(By.*xpath*(".//\*[@id='input-email']")).clear();

//valid email\_id

driver.findElement(By.*xpath*(".//\*[@id='input-email']")).sendKeys("shanmugaeie13@gmail.com");

//Enquiry text

driver.findElement(By.*xpath*(".//\*[@id='input-enquiry']")).sendKeys("This is my report");

//Click on submit

driver.findElement(By.*xpath*(".//\*[@id='content']/form/div/div/input")).click();

//Click on Continue

driver.findElement(By.*xpath*(".//\*[@id='content']/div/div/a")).click();

driver.findElement(By.*xpath*("html/body/footer/div/div/div[3]/ul/li[1]/a")).click();

//Verify title

String actualtitle=driver.getTitle();

String expectedtitle="Find Your Favorite Brand";

**try** {

*assertEquals*(actualtitle,expectedtitle);

System.*out*.println("Title 'Find Your Favorite Brand' is verified");

} **catch** (Exception e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

//Find your title

String title=driver.getTitle();

System.*out*.println("Found Title is: "+title);

//Click on sony link

driver.findElement(By.*xpath*(".//\*[@id='content']/div[5]/div/a")).click();

String SonyPrice=driver.findElement(By.*xpath*(".//\*[@id='content']/div[2]/div/div/div[2]/div[1]/p[2]")).getText();

System.*out*.println("Sony Price is: "+SonyPrice);

//Click on add to cart button

driver.findElement(By.*xpath*(".//\*[@id='content']/div[2]/div/div/div[2]/div[2]/button[1]")).click();

**try** {

Thread.*sleep*(3000);

**if**(driver.findElement(By.*xpath*(".//\*[@id='product-manufacturer']/div[1]")).getText().contentEquals("Success: You have added Sony VAIO to your shopping cart!"))

{

System.*out*.println("Item added verified");

}

**else**

{

System.*out*.println("Item added filed");

}

} **catch** (Exception e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

}

}