

Testing_D4_SeleniumWebDriver

1).

CODE:

```
package com.selenium.softwaretesting.test1;

import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;

import io.github.bonigarcia.wdm.WebDriverManager;

public class Day4q2 {

    public static void main(String[] args) throws InterruptedException {
        // TODO Auto-generated method stub

        WebDriverManager.chromedriver().setup();

        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");

        WebDriver driver=new ChromeDriver(co);

        driver.get("https://demo.opencart.com/index.php?route=account/register&language=en-gb");

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

        Thread.sleep(3000);
    }
}
```

```
JavaScriptExecutor js = (JavaScriptExecutor) driver;  
  
js.executeScript("window.scrollTo(0,1000)","");
```

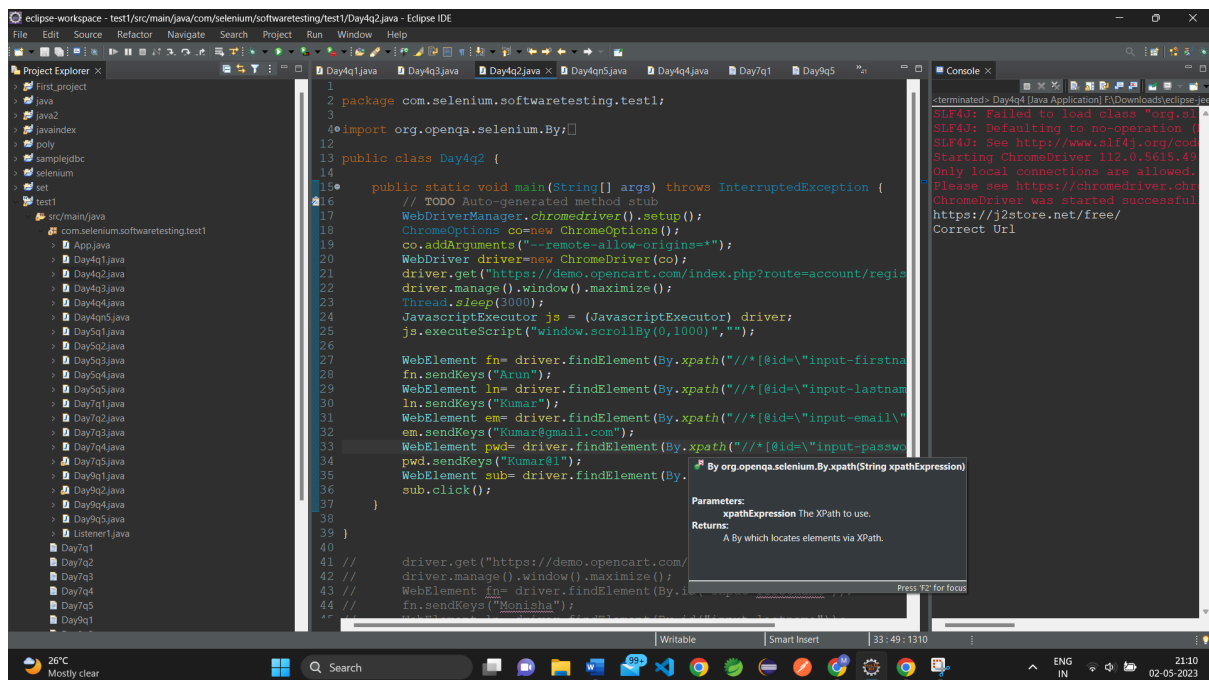
```
WebElement fn=  
driver.findElement(By.xpath("//*[@id= \"input-firstname \"]"));  
  
fn.sendKeys("Arun");
```

```
WebElement ln=  
driver.findElement(By.xpath("//*[@id= \"input-lastname \"]"));  
  
ln.sendKeys("Kumar");
```

```
WebElement em=  
driver.findElement(By.xpath("//*[@id= \"input-email \"]"));  
  
em.sendKeys("Kumar@gmail.com");
```

```
WebElement pwd=  
driver.findElement(By.xpath("//*[@id= \"input-password \"]"));  
  
pwd.sendKeys("Kumar@1");
```

SNAPSHOT:



OUTPUT:

\$ Currency
123456789
My Account
Wish List (0)
Shopping Cart
Checkout

opencart
Search
0 item(s) - \$0.00

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Laptops & Notebooks
Components
Tablets
Software
Phones & PDAs
Cameras
MP3 Players

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Register

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Last Name:

E-Mail:

Your Password

Password:

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2).

CODE:

```
package com.selenium.softwaretesting.test1;

import org.openqa.selenium.By;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;

import io.github.bonigarcia.wdm.WebDriverManager;

public class Day4q1 {

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        WebDriverManager.chromedriver().setup();

        ChromeOptions co=new ChromeOptions();
```

```

co.addArguments("--remote-allow-origins=*");

WebDriver driver=new ChromeDriver(co);

driver.get("https://google.com");

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

driver.findElement(By.name("q")).sendKeys("Hello");

driver.findElement(By.name("q")).sendKeys(Keys.ENTER);

//driver.findElement(By.className("gNO89b")).submit();

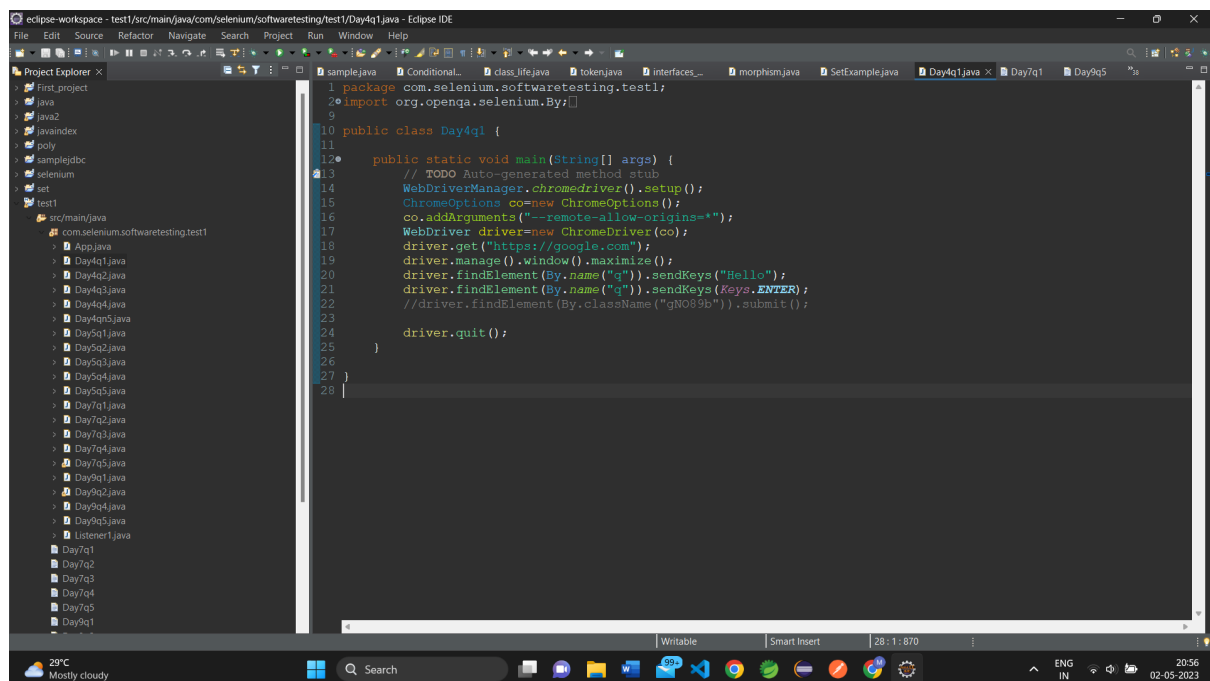
driver.quit();

}

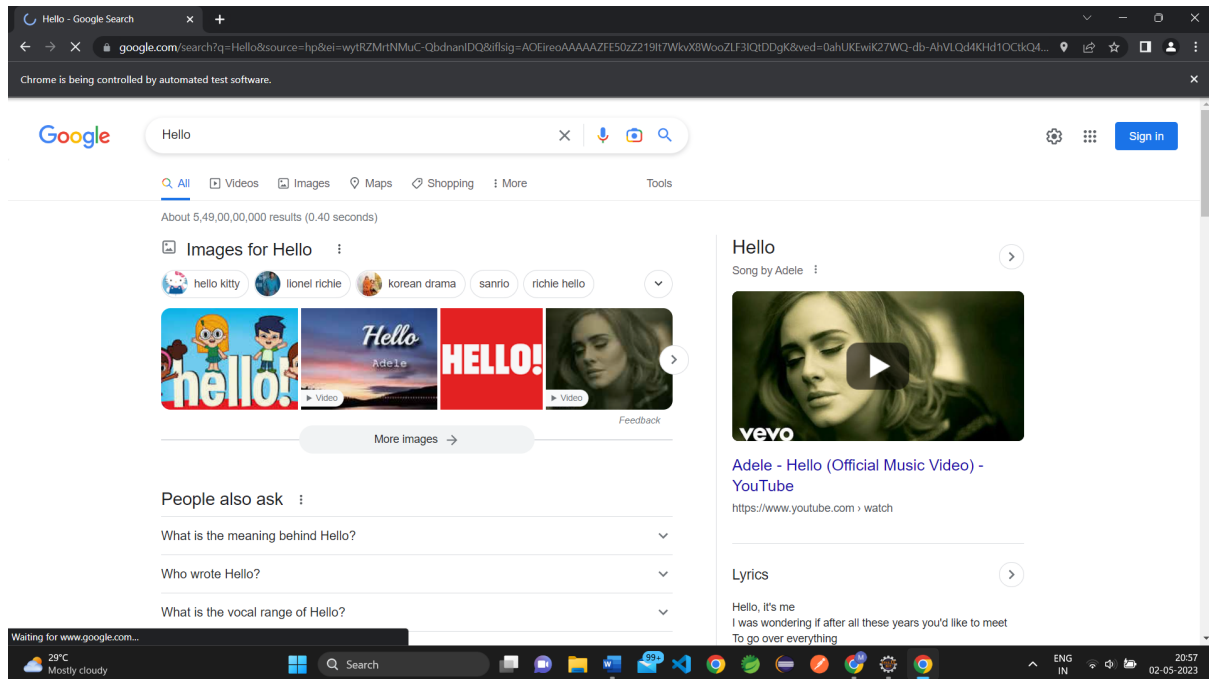
}

```

SNAPSHOT:



OUTPUT:



3).

CODE:

```
package com.selenium.softwaretesting.test1;
```

```
import org.openqa.selenium.By;
```

```
import org.openqa.selenium.JavascriptExecutor;
```

```
import org.openqa.selenium.WebDriver;
```

```
import org.openqa.selenium.WebElement;
```

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

```
import org.openqa.selenium.chrome.ChromeOptions;
```

```
import io.github.bonigarcia.wdm.WebDriverManager;
```

```
public class Day4q2 {
```

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

```
        // TODO Auto-generated method stub
```

```
        WebDriverManager.chromedriver().setup();
```

```

ChromeOptions co=new ChromeOptions();
co.addArguments("--remote-allow-origins=*");

WebDriver driver=new ChromeDriver(co);

driver.get("https://demo.opencart.com/index.php?route=account/register&language=en-gb");

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

Thread.sleep(3000);

JavascriptExecutor js = (JavascriptExecutor) driver;

js.executeScript("window.scrollTo(0,1000)","");


WebElement fn= driver.findElement(By.xpath("//*[@id=\"input-firstname\"]"));
fn.sendKeys("Arun");

WebElement ln= driver.findElement(By.xpath("//*[@id=\"input-lastname\"]"));
ln.sendKeys("Kumar");

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

WebElement pwd= driver.findElement(By.xpath("//*[@id=\"input-password\"]"));
pwd.sendKeys("Kumar@1");

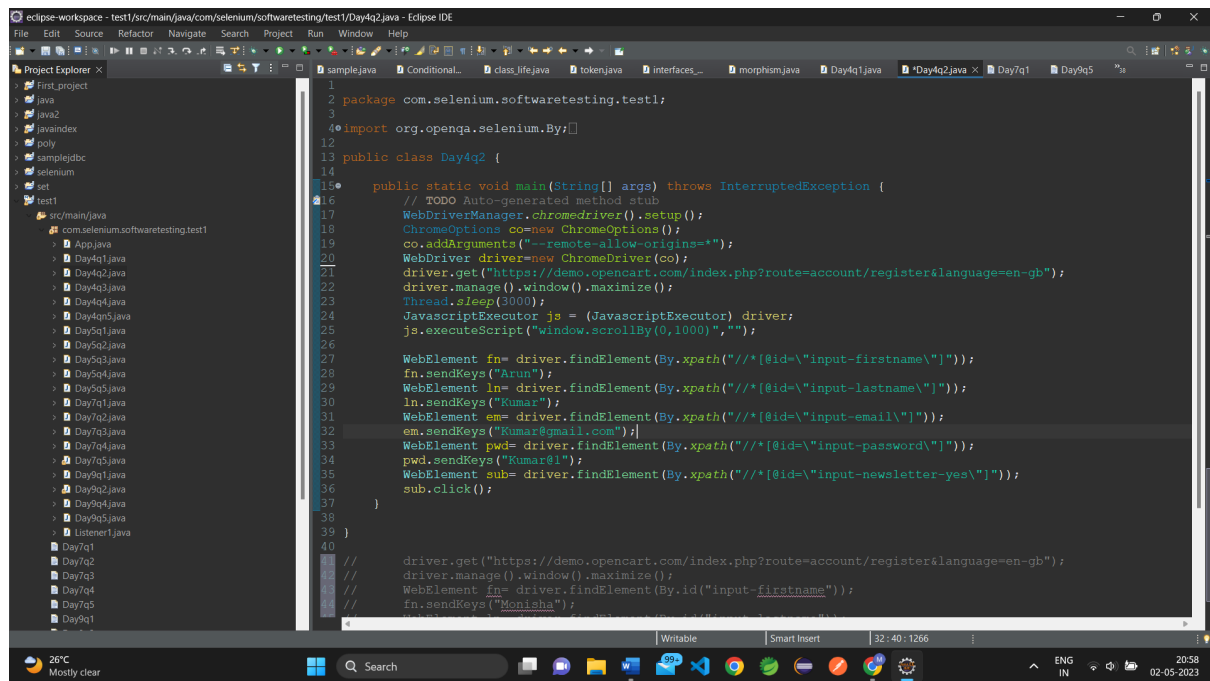
WebElement sub=
driver.findElement(By.xpath("//*[@id=\"input-newsletter-yes\"]"));
sub.click();

}

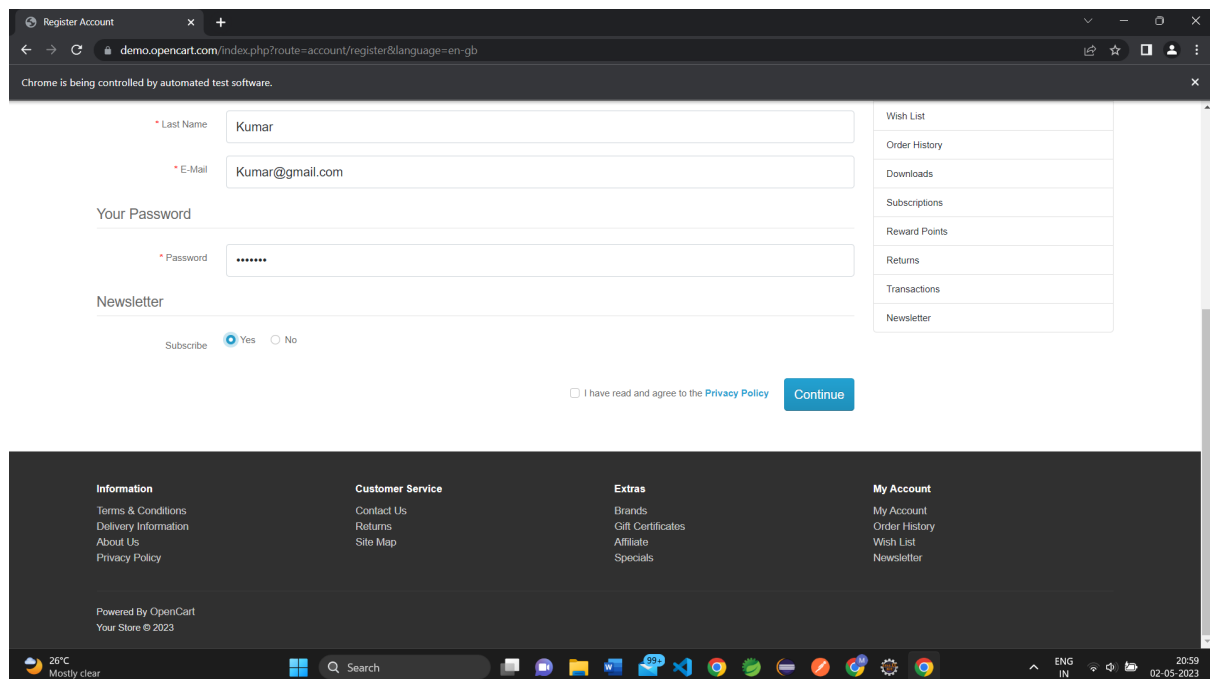
}

```

SNAPSHOT:



OUTPUT:



4).

CODE:

```
package com.selenium.softwaretesting.test1;
```

```
import org.openqa.selenium.By;
```

```
import org.openqa.selenium.JavascriptExecutor;
```

```

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;


import io.github.bonigarcia.wdm.WebDriverManager;


public class Day4q3 {

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

        // TODO Auto-generated method stub

        WebDriverManager.chromedriver().setup();

        ChromeOptions co=new ChromeOptions();

        co.addArguments("--remote-allow-origins=*");

        WebDriver driver=new ChromeDriver(co);

        //open an url

        driver.get("https://j2store.net/free/");

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

        Thread.sleep(3000);

        JavascriptExecutor js = (JavascriptExecutor) driver;

        js.executeScript("window.scrollTo(0,1000)","");

        driver.findElement(By.linkText("Clothing (5)")).click();

        driver.navigate().back();

        Thread.sleep(3000);

        driver.navigate().forward();

        Thread.sleep(3000);

        driver.navigate().refresh();

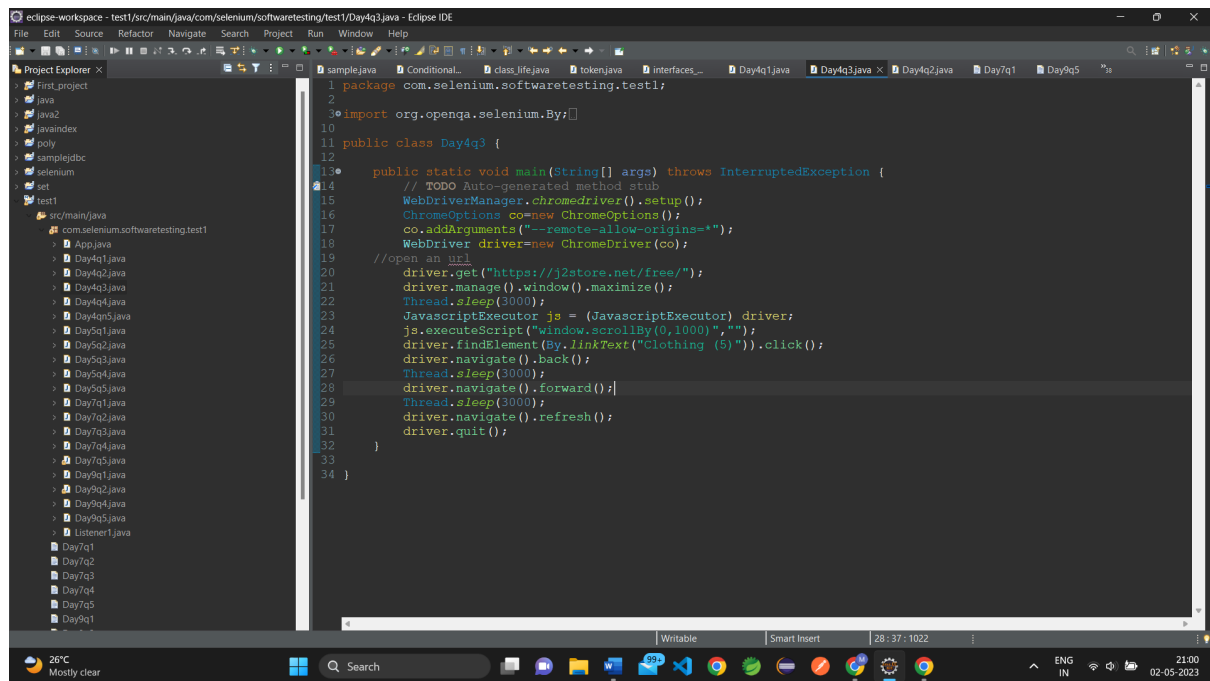
        driver.quit();

    }

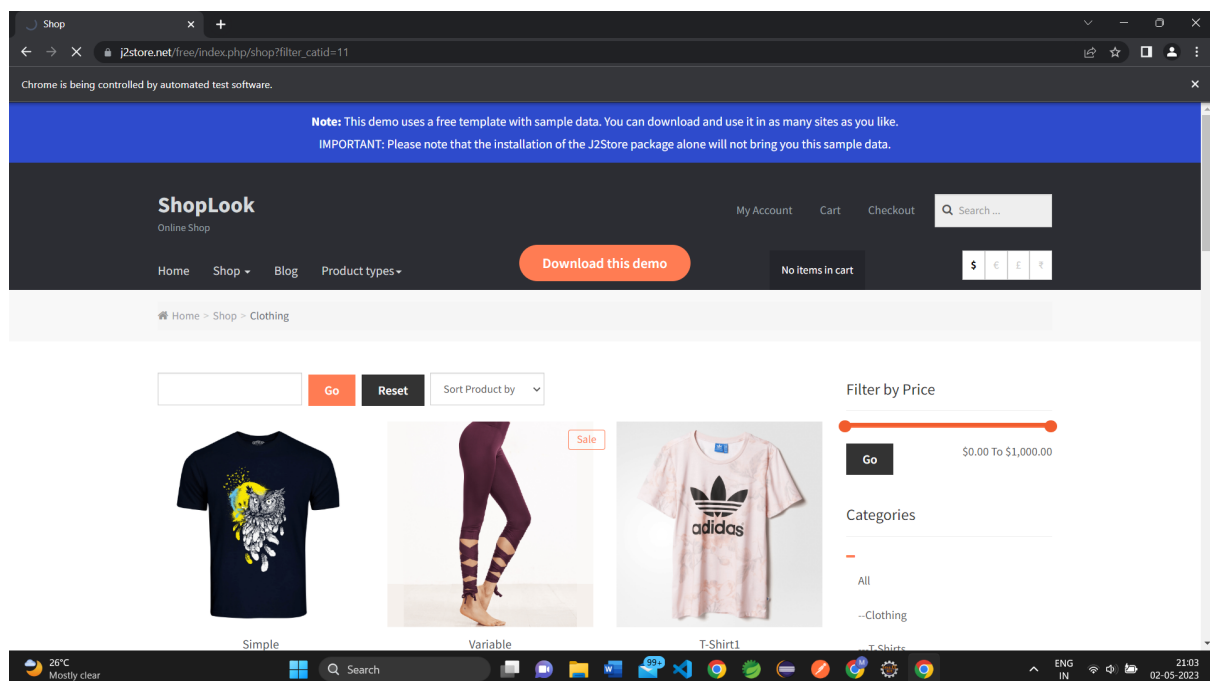
}

```

SNAPSHOT:



OUTPUT:



5.1).

CODE:

```
package com.selenium.softwaretesting.test1;
```

```
import org.openqa.selenium.JavascriptExecutor;
```

```
import org.openqa.selenium.WebDriver;
```

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

```
import org.openqa.selenium.chrome.ChromeOptions;
```

```
import io.github.bonigarcia.wdm.WebDriverManager;
```

```
public class Day4q4 {
```

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

```
        // TODO Auto-generated method stub
```

```
        // Driver setup
```

```
            WebDriverManager.chromedriver().setup();
```

```
            ChromeOptions co=new ChromeOptions();
```

```
            co.addArguments("--remote-allow-origins=*");
```

```
            WebDriver driver=new ChromeDriver(co);
```

```
//            WebDriverManager.edgedriver().setup();
```

```
//            WebDriver driver=new EdgeDriver();
```

```
            driver.get("https://j2store.net/free/");
```

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

```
            Thread.sleep(3000);
```

```
            JavascriptExecutor js = (JavascriptExecutor) driver;
```

```
            js.executeScript("window.scrollTo(0,1000)", "");
```

```
            String t1=driver.getCurrentUrl();
```

```
            String t2="https://j2store.net/free/";
```

```
            System.out.println(t1);
```

```
            if(t1.equals(t2))
```

```
            {        System.out.println("Correct Url");
```

```
            }
```

```
            else
```

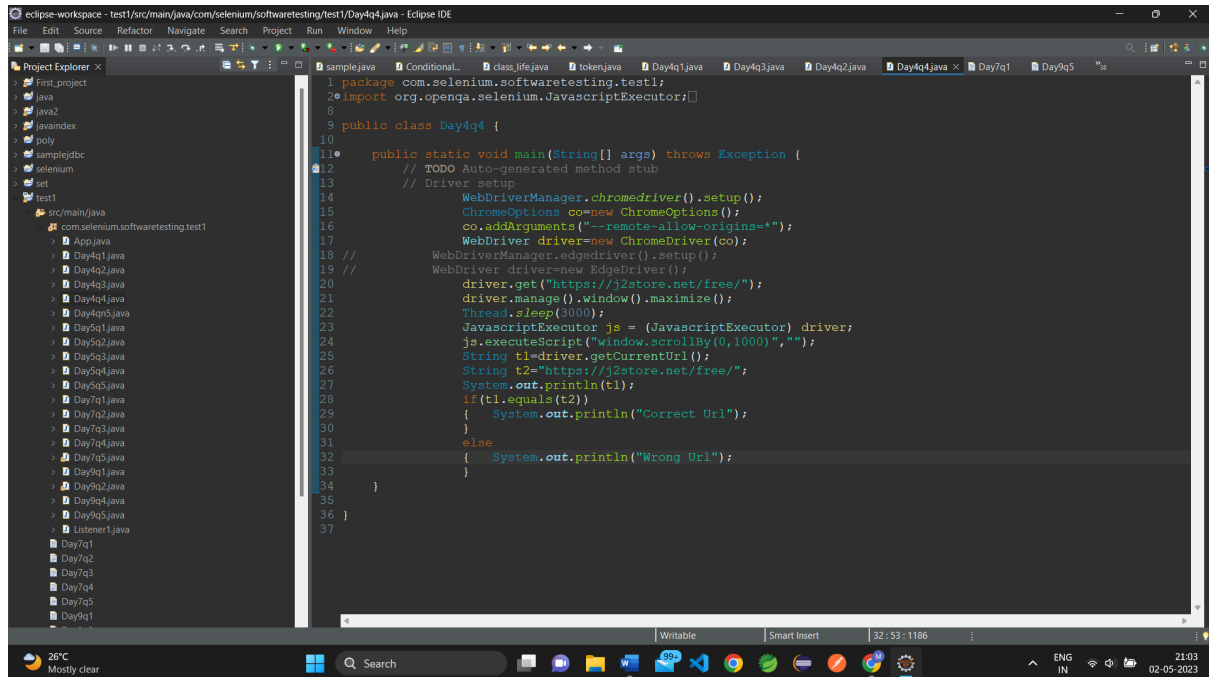
```
            {        System.out.println("Wrong Url");
```

```
            }
```

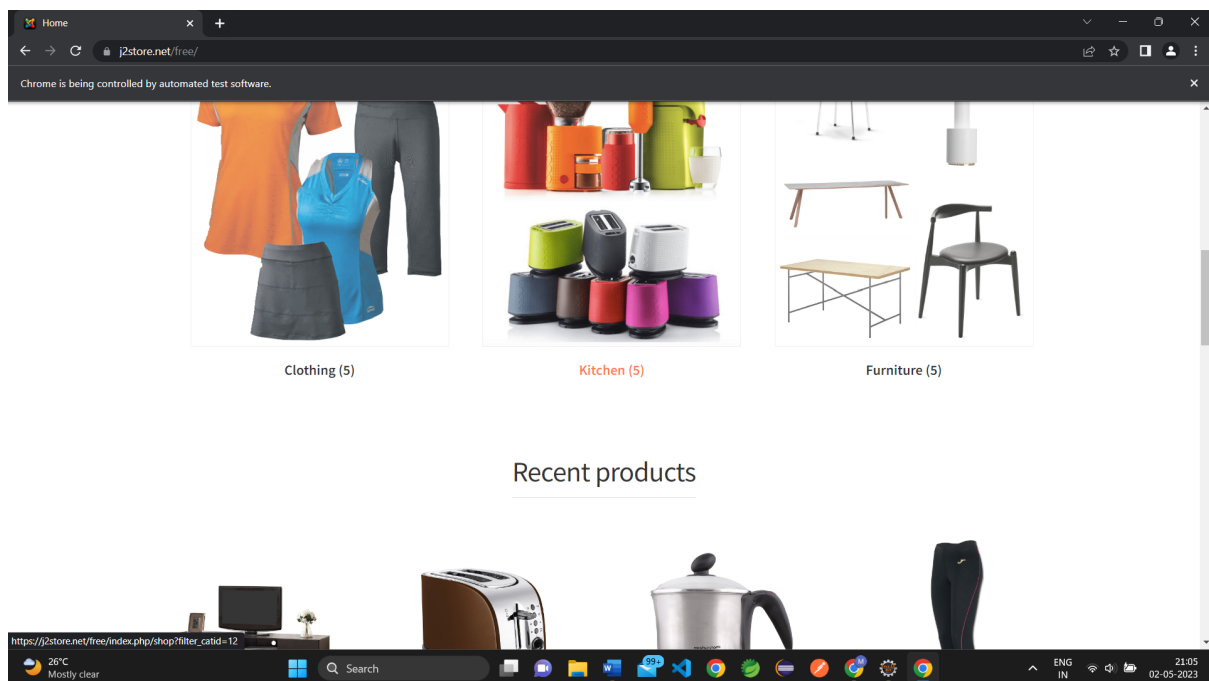
```
    }
```

}

SNAPSHOT:



OUTPUT:



5.2)

CODE:

```
package com.selenium.softwaretesting.test1;
```

```
import java.util.List;
```

```
import org.openqa.selenium.By;
```

```
import org.openqa.selenium.JavascriptExecutor;
```

```
import org.openqa.selenium.WebDriver;
```

```
import org.openqa.selenium.WebElement;
```

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

```
import org.openqa.selenium.chrome.ChromeOptions;
```

```
import io.github.bonigarcia.wdm.WebDriverManager;
```

```
public class Day4qn5 {
```

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

```
        // TODO Auto-generated method stub
```

```
        // Driver setup
```

```
        WebDriverManager.chromedriver().setup();
```

```
        ChromeOptions co=new ChromeOptions();
```

```
        co.addArguments("--remote-allow-origins=*");
```

```
        WebDriver driver=new ChromeDriver(co);
```

```
        //open an url
```

```
        driver.get("https://j2store.net/free/");
```

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

```
        Thread.sleep(3000);
```

```
        JavascriptExecutor js = (JavascriptExecutor) driver;
```

```
        js.executeScript("window.scrollTo(0,1000)","");
```

```
        driver.findElement(By.linkText("Clothing (5)").click();
```

```
        List<WebElement> l1=driver.findElements(By.xpath("//h2[@class='product-title']"));
```

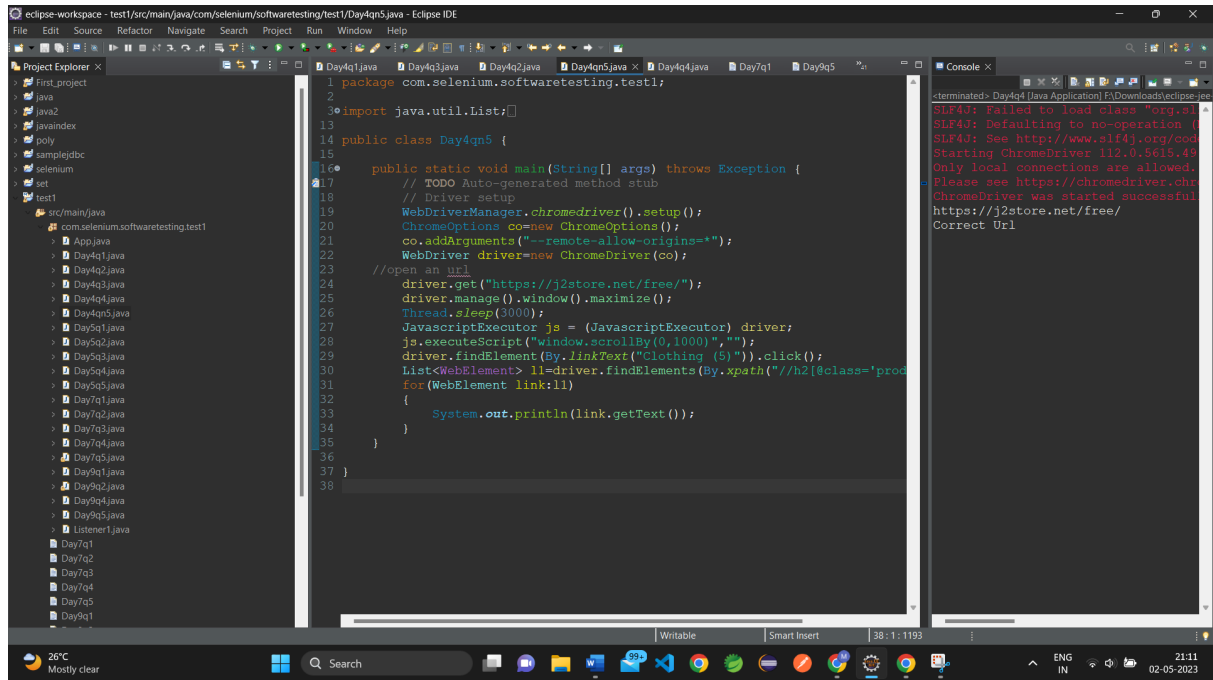
```
        for(WebElement link:l1)
```

```
        {
```

```
            System.out.println(link.getText());
```

```
}  
}  
  
}
```

SNAPSHOT:



OUTPUT:

