1. Write a Selenium script that opens the Firefox browser, maximize the browser window, navigate to <https://google.com>”, print the URL of the current page, reload the page and close the browser.

Program:

**package** testsample;

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

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

**public** **class** Selenium {

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

WebDriver driver=**new** FirefoxDriver(); //Launch the Firefox browser

driver.get("https://www.google.com/"); //to enter the website url

String CurrentUrl=driver.getCurrentUrl(); //to get the current url of the webpage

System.***out***.println("The current URL of the page is "+CurrentUrl);

driver.navigate().refresh();

driver.close();

}

}

Output:

The current URL of the page is <https://www.google.com/>

1. Write a Selenium script that opens the chrome browser, navigate to <https://www.demoblaze.com/> , maximize the browser window, verifies if the title of the page is “STORE”, and prints “page landed on the correct website” if the title matches, else print “page not landed on correct website”.

**Program:**

**package** testsample;

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

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

**public** **class** Selenium {

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

WebDriver driver=**new** ChromeDriver(); //Launch the Firefox browser

driver.get("https://www.google.com/"); //to enter the website url

driver.navigate().to("https://www.demoblaze.com/"); //navigated to demoblaze website

Thread.*sleep*(2000);

driver.manage().window().maximize();//to maximize the window

String title=driver.getTitle(); //to get the title

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

**if**(title.equals("STORE"))

{

System.***out***.println("Landed on the correct website");

}**else**

{

System.***out***.println("Not landed on the correct website");

}

driver.close();

}

}

**Output:**

STORE

Landed on the correct website

1. Write a Selenium script that opens the chrome browser, navigate to <https://www.wikipedia.com/> , maximize the browser window, searched for the query “Artificial Intelligence”, click on the “History” section in the search results, and prints the title in the section.

**Program:**

package testsample;

import org.openqa.selenium.By;

import org.openqa.selenium.Keys;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class Selenium {

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

// TODO Auto-generated method

WebDriver driver=new ChromeDriver(); //Launch the chrome browser

driver.get("https://www.google.com/"); //to enter the website url

driver.navigate().to("https://www.wikipedia.org/"); //navigated to wikipedia website

driver.manage().window().maximize();//to maximize the window

WebElement search=driver.findElement(By.id("searchInput")); //to find the input form

Thread.sleep(2000);

search.sendKeys("Artificial Intelligence"); //sending input

search.sendKeys(Keys.RETURN);//TO PRESS enter

Thread.sleep(2000);

WebElement history=driver.findElement(By.xpath("//\*[@id=\"toc-History\"]/a/div"));

history.click();

Thread.sleep(2000);

String title=driver.getTitle(); //to find the title of the page

System.out.println(title);

driver.close();

}

}

Output:

Artificial intelligence - Wikipedia