**XPath Assignment**

Q.2-  Write a simple script to open amazon.in URL and perform the following steps:

· Click on search --> Type books --> and click on search icon

· Verify that the searched item appears

· Get the name of the book that appears first in the search results

ANSWER-

Text

Description automatically generated

**RAW CODE**

import org.openqa.selenium.By;   
import org.openqa.selenium.WebElement;   
import org.openqa.selenium.chrome.ChromeDriver;   
import org.openqa.selenium.support.ui.Select;   
import java.util.ArrayList;   
import java.util.Collections;   
import java.util.List;   
public class SampleProject {   
public static void main(String args[]) throws InterruptedException {   
System.*setProperty*("webdriver.chrome.driver","C:\\browserdrivers\\chromedriver.exe");   
ChromeDriver driver = new ChromeDriver();   
driver.get("https://www.amazon.in/");   
driver.findElement(By.*id*("twotabsearchtextbox")).click();   
driver.findElement(By.*id*("twotabsearchtextbox")).sendKeys("books");   
driver.findElement(By.*id*("nav-search-submit-button")).click();   
driver.findElement(By.*linkText*("Sponsored Ad - How To Win Friends & Influence People,International Bestseller")).click();   
   
   
//}   
}   
}

<-------------------------------------------------------------------------------------->

Q.3- Try to create xpaths of svg elements

We don’t use the primary way of writing the Xpath for svg tag here we make the own xpath using selectors hub in Browser.

Example - //\*[local-name()='svg']

4- Try to create xpaths of elements that disappears after a short span of time

Graphical user interface, application

Description automatically generated

Example = //a[text()="all"]

Q.5- Why do we need axes methods to create xpaths? Try to create different xpaths using axes methods.

An XPath axes defines the node-set relative to the current (context) node. It is used to locate the node that is relative to the node on that tree.

Example-

1= //div[@class=’Mammal’]/ancestor::div

2= //div[@class='Mammal']/ancestor::div[@class='Animal']