

Amazon Assessment Source code

Search Page:-

```
package com.Pages;

import java.time.Duration;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;

public class SearchPage {

    public void search(WebDriver driver,String url,String s) {

        driver.get(url);
        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(5));
        driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).sendKeys(s);
        driver.findElement(By.xpath("//*[@id=\"nav-search-submit-button\"]")).click();
    }
}
```

Main Page:-

```
package com.amazontest;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import com.Pages.AddtoCart;
import com.Pages.ProductPage;
import com.Pages.SearchPage;

public class AmazonMain {

    public static void main(String[] args) {

        SearchPage sp=new SearchPage();
        ProductPage ap=new ProductPage();
        AddtoCart ac=new AddtoCart();
        jdbcTest aj=new jdbcTest();

        WebDriver driver=new ChromeDriver();
        String url="https://www.amazon.in/";
        sp.search(driver, url, "earpods");
        ap.product1(driver);
    }
}
```

```

        ac.addtocart(driver);
        aj.jdbc();
    }
}

```

Product Page:-

```

package com.Pages;
import java.util.ArrayList;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;

public class ProductPage {
    public void product1(WebDriver driver){
        driver.manage().window().maximize();
        ArrayList<String>winHndls1=new ArrayList<String>(driver.getWindowHandles());
        System.out.println("Before CLicking ....");
        System.out.println(winHndls1.size());
        System.out.println(winHndls1.get(0));
        driver.findElement(By.xpath("//*[@id=\"p_89/boAt\"]/span/a/div/label/i")).click();

        WebElementWEProd=driver.findElement(By.xpath("//*[@id=\"search\"]/div[1]/div[1]/div/span[1]/div[1]/div[3]/div/div/div/div/div[2]/div[1]/h2/a/span"));
        WEProd.click();

        ArrayList<String> winHndls2 = new ArrayList<String>(driver.getWindowHandles());
        System.out.println("\n\n After CLicking ....");
        System.out.println(winHndls2.size());
        if (winHndls2.size() > 1) {
            System.out.println(winHndls2.get(0));
            System.out.println(winHndls2.get(1));
            driver.switchTo().window(winHndls2.get(1));
        }
    }
}

```

Add to Cart Page:-

```

package com.Pages;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;

public class AddtoCart {

```

```

public void addtocart(WebDriver driver)
{
    try {
        Thread.sleep(4000);
        driver.findElement(By.xpath("//*[@id=\"submit.add-to-cart\"]")).click();
        WebElement el1 = driver.findElement(By.xpath("//*[@id=\"productTitle\"]"));
        System.out.println(el1.getText());

    } catch (Exception e) {
        // TODO: handle exception
    }
}
}

```

JDBC File:-

```

package com.amazontest;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;

public class jdbcTest {
    public void jdbc()
    {
        String strconn = "jdbc:mysql://localhost:3306/amazondetails";
        String strQuery = "select * from productdetails";
        try
        {
            Connection con = DriverManager.getConnection(strconn,"root","root");
            java.sql.Statement statement = con.createStatement();
            ResultSet rs = statement.executeQuery(strQuery);
            while(rs.next())
            {
                System.out.println(rs.getString(1)+" "+rs.getString(2)+" "+rs.getString(3)+" "+rs.getString(4));
            }
        }
        catch(Exception e)
        {
            e.printStackTrace();
        }
    }
}

```