

Amazon Write Up

Step 1:-

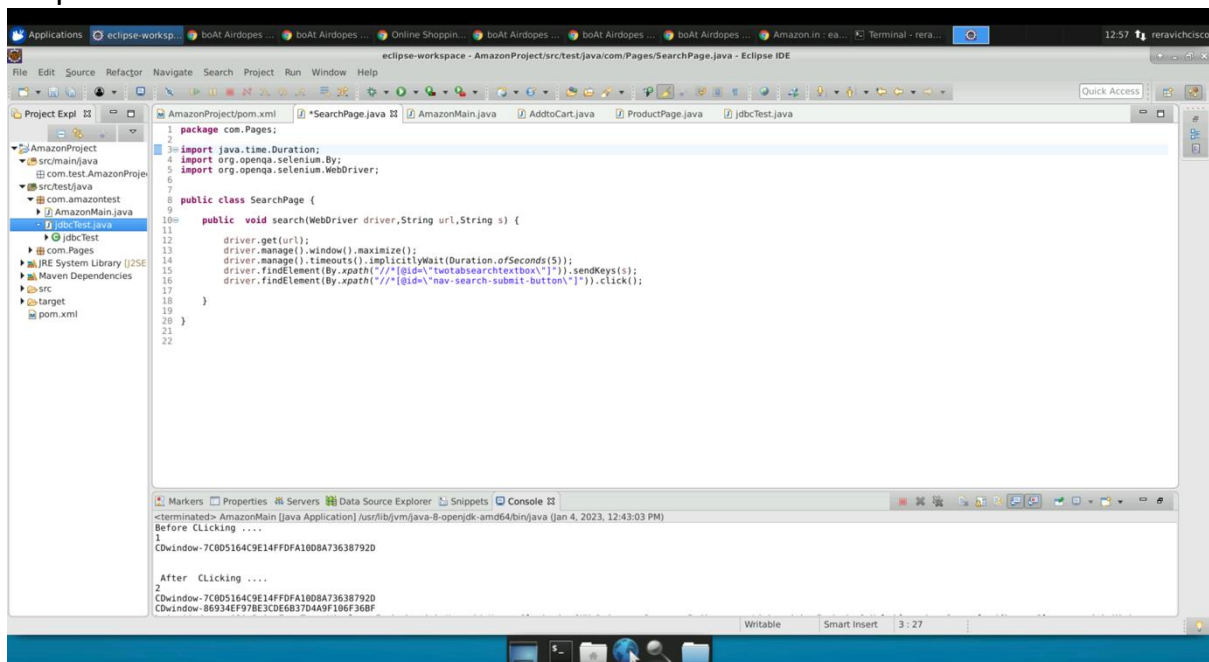
Created maven project in eclipse by using the lab resources.

1. In this maven we created two packages and name it as a com.Pages and com.amazontest.

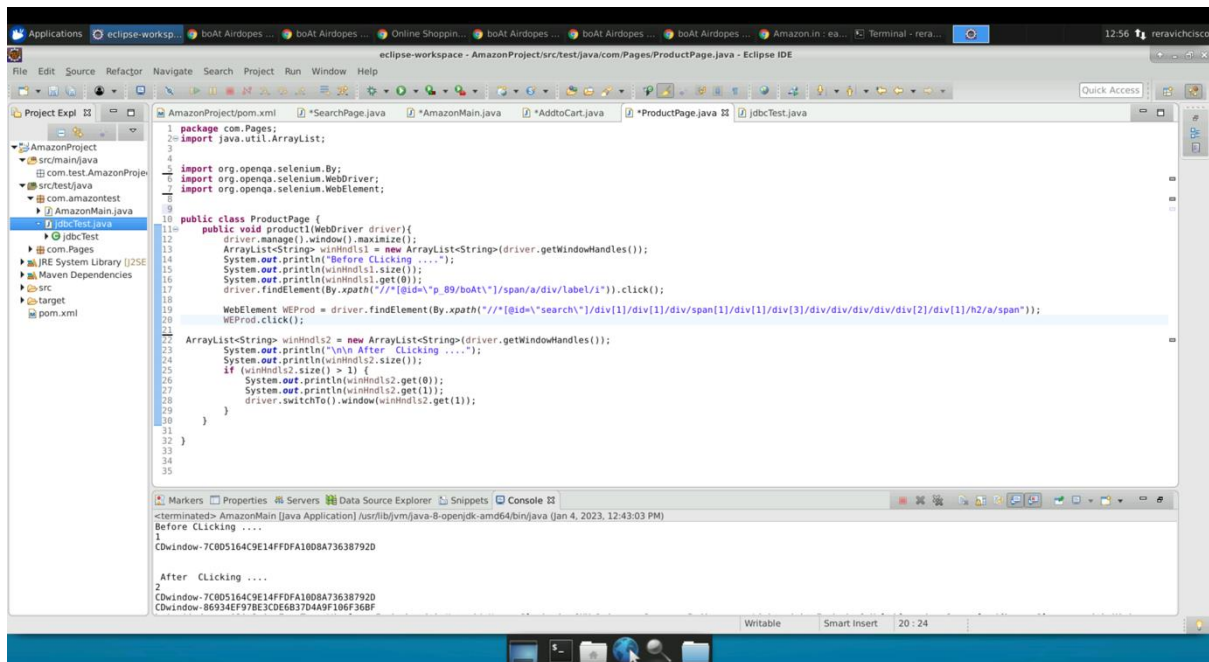
- In com.Pages we created three classes
 1. SearchPages
 2. ProductPages
 3. AddtoCartPages
- In com.amazontest we created two class
 1. AmazonMain
 2. jdbcTest

2. These all files are represented in src/test/java and also we added the selenium jar and jdbc mysql jar in pom.xml folder by using the dependencies.

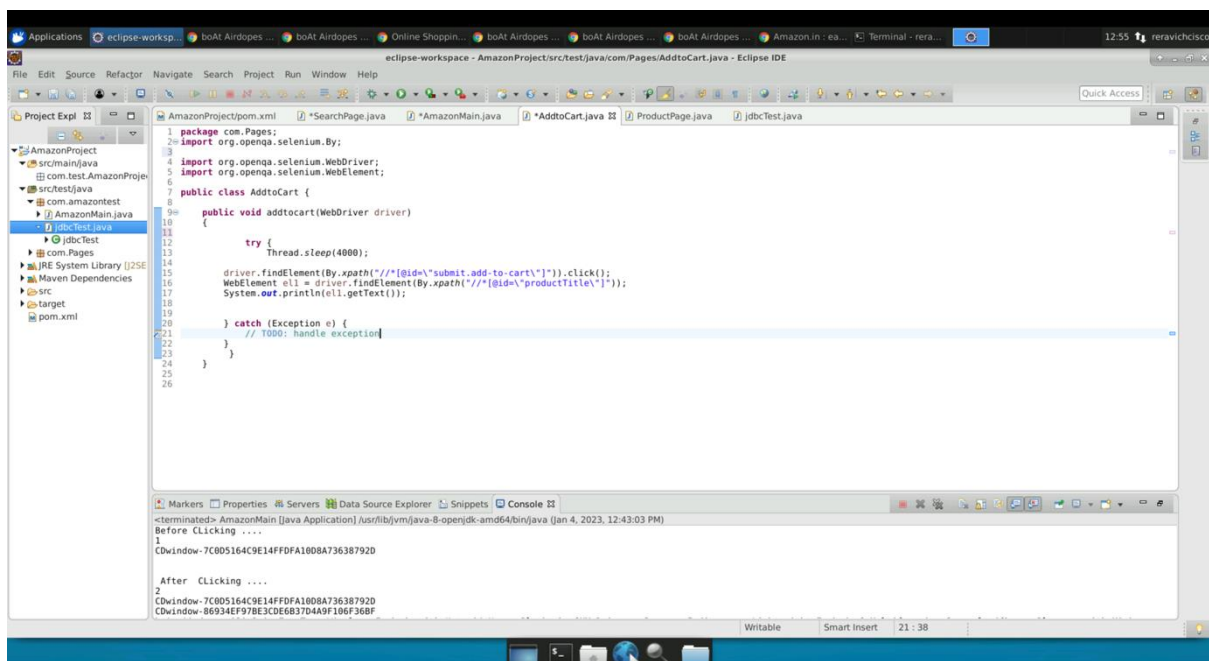
Step- 2.



In the above Search Page, we implement the code to open the amazon website by passing the arguments instead of using the url after this we wrote up the code to click on search button by using xpath option we send the earbuds string through sendkeys.

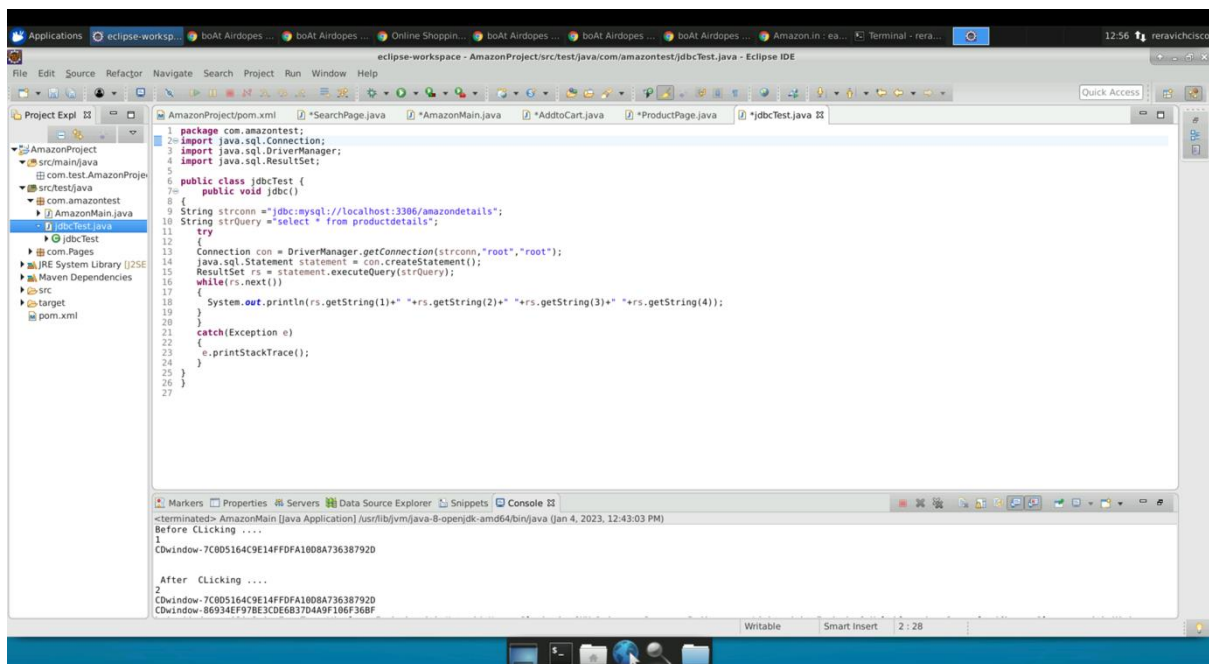


In the above Product Page the imports are given as per requirement. The web driver is implemented. Then it will maximize the window. The xpath of the check box button is given and it clicked. After that it will show the list of particular product. Then the xpath of the particular product is given and it will be clicked. Then it open the product main page in the other window.



In the above Add to Cart Page, the imports are implemented as per requirement. The xpath of the Add to Cart button is given and clicked as per the code.

Step 3:-



```
1 package com.amazonTest;
2 import java.sql.*;
3 import java.sql.DriverManager;
4 import java.sql.ResultSet;
5
6 public class jdbcTest {
7     public void jdbc()
8     {
9         String strconn = "jdbc:mysql://localhost:3306/amazondetails";
10        String strQuery = "select * from productdetails";
11        try
12        {
13            Connection con = DriverManager.getConnection(strconn,"root","root");
14            java.sql.Statement statement = con.createStatement();
15            ResultSet rs = statement.executeQuery(strQuery);
16            while(rs.next())
17            {
18                System.out.println(rs.getString(1)+" "+rs.getString(2)+" "+rs.getString(3)+" "+rs.getString(4));
19            }
20        }
21        catch (Exception e)
22        {
23            e.printStackTrace();
24        }
25    }
26 }
27
```

Markers Properties Servers Data Source Explorer Snippets Console

<terminated> AmazonMain [Java Application] /usr/lib/jvm/java-8-openjdk-amd64/bin/java (Jan 4, 2023, 12:43:03 PM)

Before Clicking

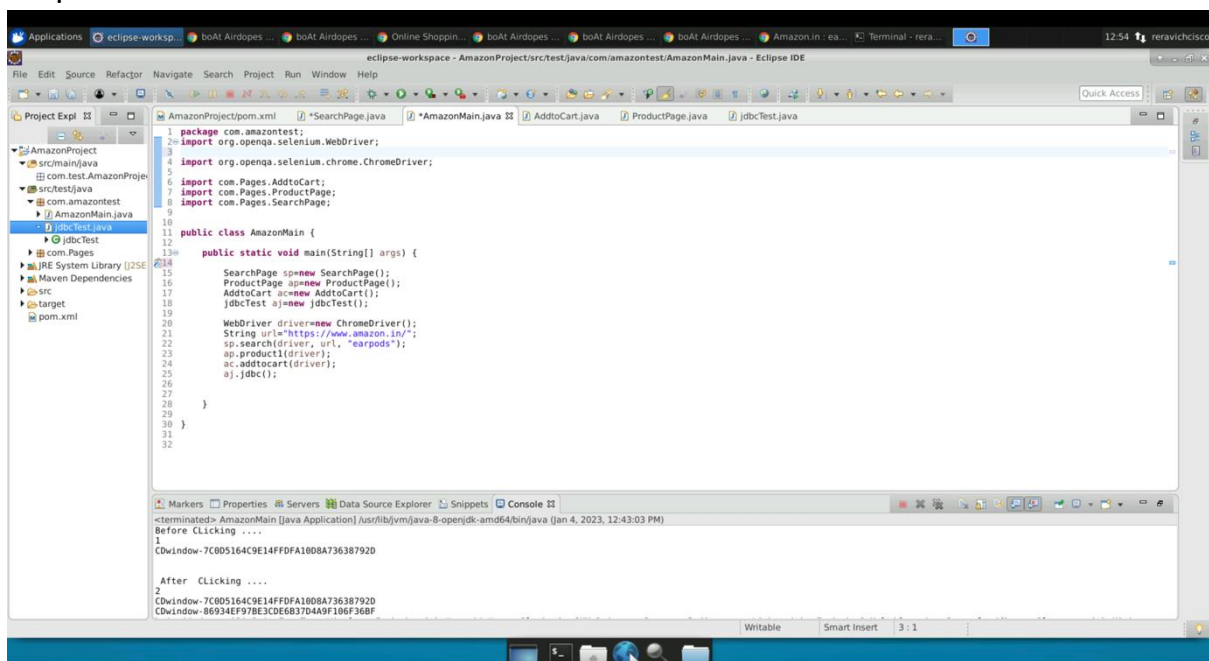
1
C:\window-7C805164C9E14FFDFA1808A73638792D

After Clicking

2
C:\window-7C805164C9E14FFDFA1808A73638792D
C:\window-86934EF97BE3CDE6837D4A9F106F36BF

In the above code, we implemented the imports as per requirement and we created jdbc class and implement the code to connect the java class with database. By using pom file we create a amazon class in this class we implement a object instance for all the claases created in com.Pages package and called the functions of that instances by particular order. After completion of implementing all code we have to run program and output will diplay on the screen.

Step 3:-



```
1 package com.amazonTest;
2 import org.openqa.selenium.*;
3 import org.openqa.selenium.chrome.ChromeDriver;
4
5 public class AmazonMain {
6     public static void main(String[] args) {
7         SearchPage sp=new SearchPage();
8         ProductPage ap=new ProductPage();
9         AddtoCart ac=new AddtoCart();
10        jdbcTest aj=new jdbcTest();
11
12        WebDriver driver=new ChromeDriver();
13        String url="https://www.amazon.in/";
14        sp.search(driver, url, "earpods");
15        ap.productl(driver);
16        ac.addtocart(driver);
17        aj.jdbc();
18    }
19 }
20
```

Markers Properties Servers Data Source Explorer Snippets Console

<terminated> AmazonMain [Java Application] /usr/lib/jvm/java-8-openjdk-amd64/bin/java (Jan 4, 2023, 12:43:03 PM)

Before Clicking

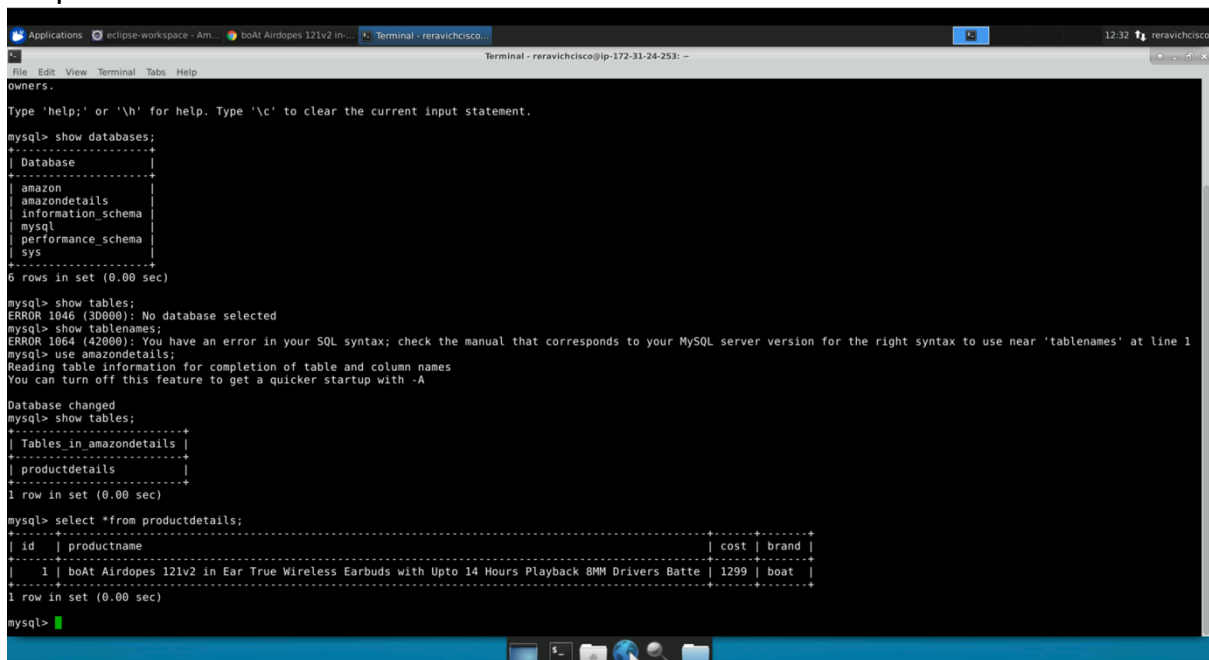
1
C:\window-7C805164C9E14FFDFA1808A73638792D

After Clicking

2
C:\window-7C805164C9E14FFDFA1808A73638792D
C:\window-86934EF97BE3CDE6837D4A9F106F36BF

In the above Amazon main Page, We have implemented the imports as per the requirements. All the other files functions are connected in this file and it will working as per given code.

Step 4:-



```
Applications  eclipse-workspace - Am...  boAt Airdopes 121v2 in...  Terminal - reravichisco  12:32  reravichisco
File Edit View Terminal Tabs Help
Terminal - reravichisco@ip-172-31-24-253: ~
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database |
+-----+
| amazon   |
| amazondetails |
| information_schema |
| mysql    |
| performance_schema |
| sys      |
+-----+
6 rows in set (0.00 sec)

mysql> show tables;
ERROR 1046 (30000): No database selected
mysql> show tablenames;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'tablename' at line 1
mysql> use amazondetails;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> show tables;
+-----+
| Tables in amazondetails |
+-----+
| productdetails |
+-----+
1 row in set (0.00 sec)

mysql> select *from productdetails;
+-----+-----+-----+-----+
| id | productname | cost | brand |
+-----+-----+-----+-----+
| 1 | boAt Airdopes 121v2 in Ear True Wireless Earbuds with Upto 14 Hours Playback 8MM Drivers Batte | 1299 | boat |
+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql>
```

In this mysql database, first we created a database and we use that database. In that we have to created a table productdetails with id, productname, cost, brand. Then we have connected the java file and jdbc file. After that in the table we will get the output product details.