SignInPage.java

```java
package amazonAutomate;

import java.time.Duration;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.interactions.Actions;

public class SignInPage {

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

		WebDriver driver = new ChromeDriver();
		driver.manage().deleteAllCookies();
		driver.manage().window().maximize();

		driver.manage().timeouts().pageLoadTimeout(Duration.ofSeconds(5));

		driver.get("https://www.amazon.in/");

		WebElement e1 = driver.findElement(By.xpath("//*[@class='nav-line-2 ']"));

	Actions a = new Actions(driver);

		a.moveToElement(e1).perform();

		Thread.sleep(3000);

		driver.findElement(By.linkText("Sign in")).click();

		Thread.sleep(3000);

		driver.findElement(By.id("ap_email")).sendKeys("hari.haran@gmail.com");

		driver.findElement(By.xpath("//input[@id='continue']")).click();

		driver.findElement(By.id("ap_password")).sendKeys("password@123");

		driver.findElement(By.id("signInSubmit")).click();

		String text = driver.findElement(By.xpath("//div[@class='a-box-inner
a-alert-container']/descendant::span")).getText();

		System.out.println("Error test is >> " + text);
```

```
                driver.close();
        }

}
```

SearchPage.java

```java
package amazonAutomate;

import java.io.File;
import java.io.IOException;
import java.util.ArrayList;
import org.apache.commons.io.FileUtils;
import org.openqa.selenium.By;
import org.openqa.selenium.OutputType;
import org.openqa.selenium.TakesScreenshot;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.edge.EdgeDriver;

public class SearchPage {

        public static WebDriver driver;

        public static void takescreenshot_method(String filepath) throws IOException
        {
                File srcFile = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
                File destFile = new File(filepath);
                FileUtils.copyFile(srcFile, destFile);
        }

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

                driver = new EdgeDriver();
                driver.manage().window().maximize();
        driver.manage().deleteAllCookies();

                driver.get("https://www.amazon.in/");

                Thread.sleep(1500);

                WebElement searchbox = driver.findElement(By.id("twotabsearchtextbox"));
```

```java
        WebElement searchbutton =
driver.findElement(By.id("nav-search-submit-button"));

        searchbox.sendKeys("iphone 13");
        searchbutton.submit();

        takescreenshot_method("./Screenshot/amazonsearch1.png");

        Thread.sleep(3000);

        WebElement mobilelink =
driver.findElement(By.xpath("(//div[@class='a-section'])[2]/descendant::span[11]"));

        mobilelink.click();

        takescreenshot_method("./Screenshot/amazonsearch2.png");

        ArrayList<String> tabs = new ArrayList<String>(driver.getWindowHandles());

        driver.switchTo().window(tabs.get(1));

        Thread.sleep(1500);

        WebElement wishlist = driver.findElement(By.id("wishListMainButton"));

        wishlist.click();

        driver.quit();

    }

}
```

MobilePage.java

```java
package amazonAutomate;

import java.io.File;
import java.io.IOException;
import java.util.ArrayList;
import org.apache.commons.io.FileUtils;
import org.openqa.selenium.By;
import org.openqa.selenium.OutputType;
import org.openqa.selenium.TakesScreenshot;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
```

```java
import org.openqa.selenium.edge.EdgeDriver;
import org.openqa.selenium.interactions.Actions;

public class MobilePage {

        public static WebDriver driver;

        public static void takescreenshot_method(String filepath) throws IOException
        {
                File srcFile = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);
                File destFile = new File(filepath);
                FileUtils.copyFile(srcFile, destFile);
        }


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

                driver = new EdgeDriver();
                driver.manage().window().maximize();
        driver.manage().deleteAllCookies();

                driver.get("https://www.amazon.in/");

                Thread.sleep(2000);

                WebElement mobilelink = driver.findElement(By.linkText("Mobiles"));

                String text = mobilelink.getText();

                System.out.println(text);

                mobilelink.click();

                WebElement mobile =
driver.findElement(By.xpath("//div[@id='nav-progressive-subnav']/descendant::span[2]"));

                Actions a = new Actions(driver);

                a.moveToElement(mobile).perform();

                Thread.sleep(2000);

                takescreenshot_method("./Screenshot/mobile1.png");

                WebElement apple_link = driver.findElement(By.linkText("Apple"));

        text = apple_link.getText();
```

```java
            System.out.println(text);

            apple_link.click();

            Thread.sleep(2000);

            WebElement link2 =
driver.findElement(By.xpath("(//div[@class='sg-col-inner'])[6]/descendant::span[9]"));

             text = link2.getText();

            System.out.println(text);

            link2.click();

            takescreenshot_method("./Screenshot/mobile2.png");

            ArrayList<String> tabs = new ArrayList<String>(driver.getWindowHandles());

            driver.switchTo().window(tabs.get(1));

            Thread.sleep(1500);

            WebElement addtoCart = driver.findElement(By.id("add-to-cart-button"));

            addtoCart.click();

            takescreenshot_method("./Screenshot/mobile3.png");

            driver.quit();

        }

}
```

JdbcTransaction.java

```java
package amazonAutomate;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.SQLException;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
```

```java
import org.openqa.selenium.edge.EdgeDriver;
import org.openqa.selenium.interactions.Actions;

public class JdbcTransaction {

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

                WebDriver    driver = new EdgeDriver();
                driver.manage().window().maximize();
        driver.manage().deleteAllCookies();

                driver.get("https://www.amazon.in/");

                String title = driver.getTitle();

                Thread.sleep(2000);

                WebElement mobilelink = driver.findElement(By.linkText("Mobiles"));
                mobilelink.click();

                WebElement mobile =
driver.findElement(By.xpath("//div[@id='nav-progressive-subnav']/descendant::span[2]"));

                Actions a = new Actions(driver);

                a.moveToElement(mobile).perform();

                Thread.sleep(2000);

                WebElement apple_link = driver.findElement(By.linkText("Apple"));

        String text = apple_link.getText();

                apple_link.click();

                String dburl = "jdbc:mysql://localhost:3306/seleniumtest";
                String username = "root";
                String password = "root";

        Class.forName("com.mysql.cj.jdbc.Driver");

        Connection con = DriverManager.getConnection(dburl, username, password);

        PreparedStatement ps = con.prepareStatement("insert into amazonautomate
values(?,?,?)");
        ps.setString(1, title);
        ps.setString(2, text);
```

```java
        ps.setString(3, "Yes");
        ps.executeUpdate();
            }

}
```