Phase End Project

```java
package phaseEndProject;
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.chrome.ChromeDriver;
public class TestSearchPage {

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 {
        // TODO Auto-generated method stub

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

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

        Thread.sleep(1500);
```

```java
		// Create Page object repository--list of
object that has to tested on this page

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

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


		// Action Methods
		searchbox.sendKeys("iphone 13");
		searchbutton.submit();


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

		Thread.sleep(3000);

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

		mobilelink.click();


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

		// new tab will open. handle the windows

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

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

```java
            Thread.sleep(1500);

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

            wishlist.click();


            driver.quit();



    }
}
```

Class for TestMobilePage

```java
package phaseEndProject;
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.chrome.ChromeDriver;
import org.openqa.selenium.interactions.Actions;
public class TestMobilePage {

public static WebDriver driver;

    public static void takescreenshot_method(String
filepath) throws IOException
    {
```

```java
        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 {
        // TODO Auto-generated method stub

        driver = new ChromeDriver();
        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-progress
ive-subnav']/descendant::span[2]"));

        Actions a = new Actions(driver);

        a.moveToElement(mobile).perform();

        Thread.sleep(2000);
```

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

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

        text = apple_link.getText();

        System.out.println(text);

        apple_link.click();


        Thread.sleep(2000);

        WebElement link2 =
driver.findElement(By.xpath("(//div[@class='sg-col-i
nner'])[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);
```

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

        addtoCart.click();



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


        driver.quit();


    }
}
```