```java
package TestNG_basic;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.Keys;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.interactions.Actions;

import org.testng.annotations.Test;

public class PageClass {

        WebDriver driver;

        By email=By.id("userid");

        By pass=By.id("pass");

        By cont=By.id("signin-continue-btn");

        By search=By.id("gh-ac");

        By submit=By.id("sgnBt");

        private By search_btn;

        private By addToCartBtn;

        private By removeFromCartbtn;

        private CharSequence clear;


        public  PageClass(WebDriver driver)

        {

                this.driver=driver;

        }

        @Test(priority = 1)

        public void email_in()

        {

                driver.findElement(email).click();
```

```java
        driver.findElement(email).clear();

        driver.findElement(email).sendKeys("manasaaduvala123@gmail.com");
}


public void pass_in()
{
        driver.findElement(pass).click();

        driver.findElement(pass).sendKeys("@admin123");
}


public void con_in()
{
        driver.findElement(cont).click();
}


public void submit_in()
{
        driver.findElement(submit).click();
}


@Test(priority = 2)
public void search_in() throws InterruptedException
{
        driver.findElement(search).click();

        driver.findElement(search).sendKeys("watch");

        driver.findElement(search).sendKeys(Keys.ENTER);

        driver.findElement(search).sendKeys(clear);

        Thread.sleep(3000);
```

```java
        }


        @Test(priority = 3)
        public void testAddToCart() throws InterruptedException {
                WebElement searchBox = driver.findElement(By.id("gh-ac"));

                searchBox.clear();

            searchBox.sendKeys("iPhone 14");

            driver.findElement(By.xpath("//*[@id=\"gh-search-btn\"]/span")).click();

            Thread.sleep(3000);


                // 2. Select first product

driver.findElement(By.xpath("//*[@id=\"item29154cb96d\"]/div/div[1]/div/a/div/img")).click();


                // Switch to product page tab
                for (String handle : driver.getWindowHandles()) {
                    driver.switchTo().window(handle);
                }


                // 3. Click Add to Cart
            WebElement addToCartBtn =
driver.findElement(By.xpath("//*[@id=\"atcBtn_btn_1\"]/span/span"));

                addToCartBtn.click();


                Thread.sleep(3000);
        }
```

```java
    @Test(priority = 4)


    public void removecart() {

        WebElement removecart =
driver.findElement(By.xpath("//*[@id=\"mainContent\"]/div[1]/div[6]/ul/li[2]/div[1]/div/div[
2]/div[3]/div/div/div[1]/div[2]/div/div/div/div[1]/a/span/span"));

        removecart.click();

        WebElement remove = driver.findElement(By.cssSelector("button[data-test-
id=\"cart-remove-item\"]"));

        remove.click();


    }



    @Test(priority = 5)


    public void changeloginname() throws InterruptedException {

        // 3. Navigate to Personal Info

    driver.findElement(By.linkText("My eBay")).click();

    Thread.sleep(2000);

    driver.findElement(By.linkText("Summary")).click();

    Thread.sleep(2000);


    // Go to Account Settings → Personal Info

    driver.findElement(By.linkText("Account")).click();

    Thread.sleep(2000);



    driver.findElement(By.linkText("Personal Information")).click();
```

```java
        Thread.sleep(3000);


        // 4. Click edit on Name
        driver.findElement(By.xpath("//a[contains(text(),'Edit') and
contains(@href,'name')]")).click();
        Thread.sleep(2000);


        // 5. Change name
        WebElement firstName = driver.findElement(By.id("firstname"));
        firstName.clear();
        firstName.sendKeys("Sanju");


        WebElement lastName = driver.findElement(By.id("lastname"));
        lastName.clear();
        lastName.sendKeys("Penugonda");


        driver.findElement(By.id("saveBtn")).click();
        Thread.sleep(3000);
    }
@Test(priority = 6)


        public void shopByCategoriesTest() throws InterruptedException {
        try {

                driver.get("https://www.ebay.com/");

driver.findElement(By.xpath("//*[@id=\"gh\"]/section/div/div/div/button/span")).click();
                driver.findElement(By.linkText("Electronics")).click();
                System.out.println("Shop by Categories Test: Executed");
            } catch (Exception e) {
```

```java
            System.out.println("Shop by Categories Test Failed: " + e.getMessage());

        }

}

@Test(priority = 7)

public void shopByAllCategoriesTest() {

    try {

        driver.findElement(By.id("gh-cat")).click();

        driver.findElement(By.linkText("See all categories")).click();

        System.out.println("Shop by All Categories Test: Executed");

    } catch (Exception e) {

        System.out.println("Shop by All Categories Test Failed: " + e.getMessage());

    }

}


@Test(priority = 8)

public void productDescriptionTest() throws InterruptedException {

        // 1. Search for product

    driver.findElement(By.id("gh-ac")).sendKeys("headphones");

    driver.findElement(By.xpath("//*[@id=\"gh-search-btn\"]/span")).click();

    Thread.sleep(3000);


    // 2. Find first product image

    WebElement productImage = driver.findElement(By.cssSelector(".s-item img"));


    // 3. Perform Right-Click (Context Click)

    Actions actions = new Actions(driver);

    actions.contextClick(productImage).perform();

    Thread.sleep(2000);
```

```java
        System.out.println("Right-click performed on product image ");

}

@Test(priority = 9)

public void languageChnage() throws InterruptedException {

        WebElement country = driver.findElement(By.cssSelector("button[class=\"gf-
flag__button\"]"));

        country.sendKeys(Keys.ENTER);

        Thread.sleep(2000);

        driver.findElement(By.linkText("Spain")).click();


    }


}
```