Day24:

1.Create 2 test cases, disable one using enabled = false, and run only the active test.

Write a test to run the same test multiple times.

Write test cases for a dummy login page using @Parameters in testng.xml.

Write dependent test cases:

login()

search Product() (depends on login)

logout() (depends on search)

Use Data Provider to supply multiple sets of usernames/passwords to a login test.

Run test cases in parallel (methods, classes, tests) using parallel attribute in testng.xml.

```
A.package Testing_package;
import org.openqa.selenium.*;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.*;
import org.testng.Assert;
import org.testng.annotations.*;
import java.time.Duration;
public class EbayTest {
    WebDriver driver;
    WebDriverWait wait;
    @BeforeClass
    public void setup() {
        driver = new ChromeDriver();
        driver.manage().window().maximize();
        wait = new WebDriverWait(driver, Duration.ofSeconds(15));
    }
    @BeforeMethod
    public void navigateHome() {
        driver.get("https://www.ebay.com/");
    }
    // 1. Two tests, one disabled
    @Test(enabled = true)
    public void activeTest() {
        System.out.println("Executing active test on eBay Home Page");
        Assert.assertTrue(driver.getTitle().toLowerCase().contains("ebay"));
    }
    @Test(enabled = false)
    public void disabledTest() {
        System.out.println("This test is disabled and will not execute");
    }

    // 2. Repeat test 3 times
    @Test(invocationCount=3)
    public void repeatSearchTest() throws InterruptedException {
        String[] searches = {"laptop", "watch", "camera"};
        for (String searchTerm : searches) {
            WebElement searchBox = 
wait.until(ExpectedConditions.elementToBeClickable(By.id("gh-ac")));
            searchBox.clear();
            searchBox.sendKeys(searchTerm);
            searchBox.sendKeys(Keys.ENTER);
            wait.until(ExpectedConditions.titleContains(searchTerm));
            System.out.println("Search performed for: " + searchTerm + ", Thread: " + 
Thread.currentThread().getId());
            driver.navigate().back();
            Thread.sleep(2000);
        }
    }
    // 3. Parameterized login test
    @Test
    @Parameters({"username", "password"})
    public void loginTest(String username, String password) {
        driver.get("https://signin.ebay.com/ws/eBayISAPI.dll?SignIn");

wait.until(ExpectedConditions.visibilityOfElementLocated(By.id("userid"))).sendKeys(username);
        driver.findElement(By.id("signin-continue-btn")).click();

wait.until(ExpectedConditions.visibilityOfElementLocated(By.id("pass"))).sendKeys(password);
        driver.findElement(By.id("sgnBt")).click();
        boolean loggedIn = wait.until(ExpectedConditions.urlContains("my.ebay"));
        Assert.assertTrue(loggedIn, "Failed to login with user: " + username);
        System.out.println("Successfully logged in as " + username);
    }
    // 4. Dependent tests flow
    @Test
    public void login() {
        System.out.println("Simulated login step");
        Assert.assertTrue(true);
    }
    @Test(dependsOnMethods = "login")
    public void searchProduct() {
        System.out.println("Simulated product search step");
        Assert.assertTrue(true);
    }
    @Test(dependsOnMethods = "searchProduct")
    public void logout() {
        System.out.println("Simulated logout step");
        Assert.assertTrue(true);
    }
    // 5. Data provider login test
    @Test(dataProvider = "loginData")
    public void dataDrivenLogin(String username, String password) {
        loginTest(username, password);
    }
    @DataProvider(name = "loginData")
    public Object[][] provideLoginData() {
        return new Object[][] {
            {"testuser1@domain.com", "testpass1"},
            {"testuser2@domain.com", "testpass2"},
            {"testuser3@domain.com", "testpass3"}
        };
    }
    @AfterClass
    public void tearDown() {
        if (driver != null) driver.quit();
        System.out.println("Test suite execution completed.");
    }
}
```

testng.xml

```
<suite name="EbayTest" parallel="methods" thread-count="3">
  <test name="EbayTests">
    <parameter name="username" value="Ammullu663@gmail.com "/>
    <parameter name="password" value="Ammullu@663"/>
    <classes>
      <class name="Testing_package.EbayTest"/>
    </classes>
  </test>
</suite>
```