

Algorithm

Import the required packages and classes from Selenium WebDriver and TestNG.

Create a class named LoginTest.

Declare a WebDriver variable named driver.

Create a @Test method named facebook.

Inside the facebook method:

- a. Open the Chrome browser and navigate to the Facebook login page (<https://www.facebook.com/>).
- b. Find the email input field by its ID and enter the email ("harshavardhan@gmail.com").
- c. Find the password input field by its ID and enter the password ("luffy@1999").

Create a @BeforeMethod named beforeMethod.

Inside the beforeMethod:

- a. Initialize the driver as a new instance of ChromeDriver.

Create an @AfterMethod named afterMethod.

Inside the afterMethod:

a. Set driver to null to release resources.

RegisterTest Class:

Algorithm:

Import the required packages and classes from Selenium WebDriver and TestNG.

Create a class named RegisterTest.

Declare a WebDriver variable named driver.

Create a @Test method named f.

Inside the f method:

a. Open the Chrome browser and navigate to the Facebook registration page

(https://www.facebook.com/campaign/landing.php?campaign_id=14884913640&extra_1=s%7Cc%7C550525804944%7Cb%7Cfacebook%20%27%7C&placement=&creative=550525804944&keyword=facebook%20%27&partner_id=googlesem&extra_2=campaignid%3D14884913640%26adgroupid%3D128696220912%26matchtype%3Db%26network%3Dg%26source%3Dnotmobile%26search_or_content%3Ds%26device%3Dc%26devicemodel%3D%26adposition%3D%26target%3D%26targetid%3Dkeyword-

327195741349%26loc_physical_ms%3D1007765%26loc_interest_ms%3D%26feeditemid%3D%26param1%3D%26param2%3D&gclid=EAlaIQo bChMIgKXQyLa3-gIVRSUrCh0rwQpyEAAYASAAEgl41vD_BwE).

- b. Find the first name input field by its name and enter "harsha".
- c. Find the last name input field by its name and enter "vardhan".
- d. Find the email input field by its name and enter "harshavardhan@gmail.com".
- e. Find the email confirmation input field by its name and enter "harshavardhan@gmail.com".
- f. Find the password input field by its ID and enter "luffy@1999".
- g. Find the day input field by its ID and enter "14".
- h. Find the month input field by its ID and enter "aug".
- i. Find the year input field by its ID and enter "1999".
- j. Find the sign-up button by its class name and click it.
- k. Find the "websubmit" button by its name and click it.

Create an @AfterTest named afterTest.

Inside the afterTest, print "After test is running".