

Selenium WebDriver - Handling Cookies

- Cookies are small text files which get dropped by websites into browser cache, on browsing specific websites.
 - Websites use Cookies to keep track of User information and actions during the website visit.
 - Lets browse a website and check whether any cookies got dropped into browser cache on browsing them
 - Step 1: Open Chrome browser and install EditThisCookie add-on
 - Step 2: Open any website say ebay.com
 - Step 5: Click on EditThisCookie add-on to check if any cookies are added
 - Step 6: View all the details of the cookies which got created from ebay.com
 - Purpose of Cookies:
 - Websites use Cookies to keep track of User information and actions during the website visit.
 - Below are few practical examples which can be used in understanding few advantages of Cookies:
 - Go to ebay.com, add an item to cart. Restart the browser and observe that the item added to cart is still available until you delete the browser cookies.
 - Login to tutorialsninja.com/demo and delete the cookies, to observe that the session is getting logged out as the cookies holding the session information are deleted.
 - Purpose of Cookies in Testing
 - While Testing, sometimes we have to replace the cookies to perform some operations on the application
 - And also, we have to verify whether the required cookies are getting added or not etc.
 - driver.manage() can be used to retrieve or perform operations on the Cookies.
 - Type driver.manage() in the programs to find the cookie related commands
 - Demonstrate a program which can retrieve all the cookies which get created on navigating to ebay.com website - Demonstrate [here](#)
 - While testing an application, there may be some requirements where we need to check whether different types of cookies are created during the browser sessions.
 - Demonstrate a program which can delete all the cookies which got created for tutorialsninja.com/demo application at the browser level - Demonstrate [here](#)
 - User if already signed in to an application, will get signed out if the cookies are deleted
 - Cookie is a predefined class in Selenium and it has many predefined methods to retrieve various information related to cookies
 - Go to seleniumhq.org > Download > Javadocs > Cookie and view its predefined methods
 - Demonstrate a program which uses few of the predefined methods of Cookie class - Demonstrate [here](#)
 - Demonstrate deleting a specific cookie using its name say ebay - Demonstrate [here](#)
 - Demonstrate adding a new cookie - Demonstrate [here](#)
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