

Practical No.8

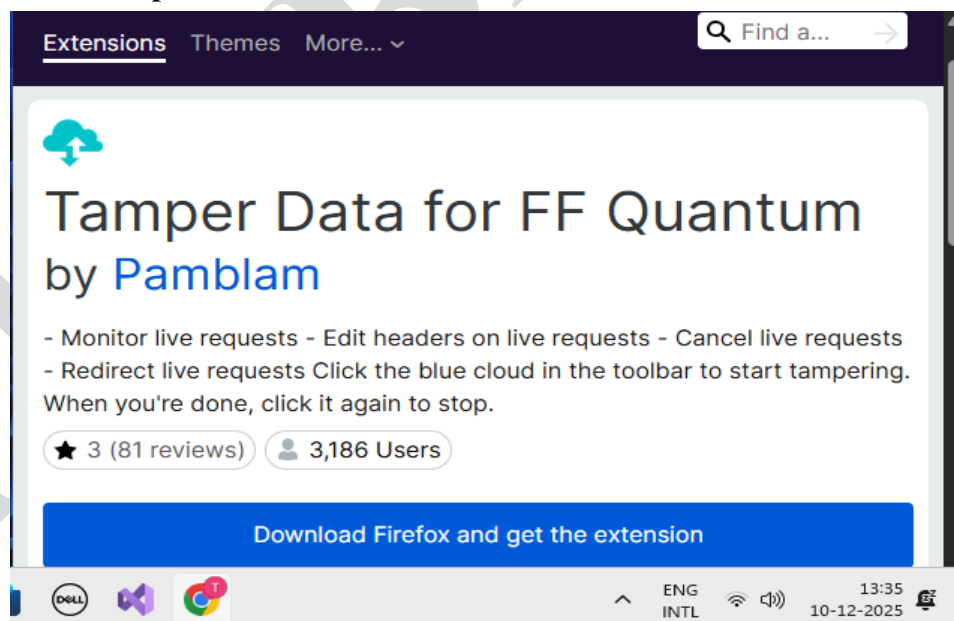
Aim: Session Impersonation with Firefox and Tamper Data

- Install and configure the Tamper Data add-on in Firefox.
- Intercept and modify HTTP requests to impersonate a user's session.
- Understand the impact of session impersonation and the importance of session management.

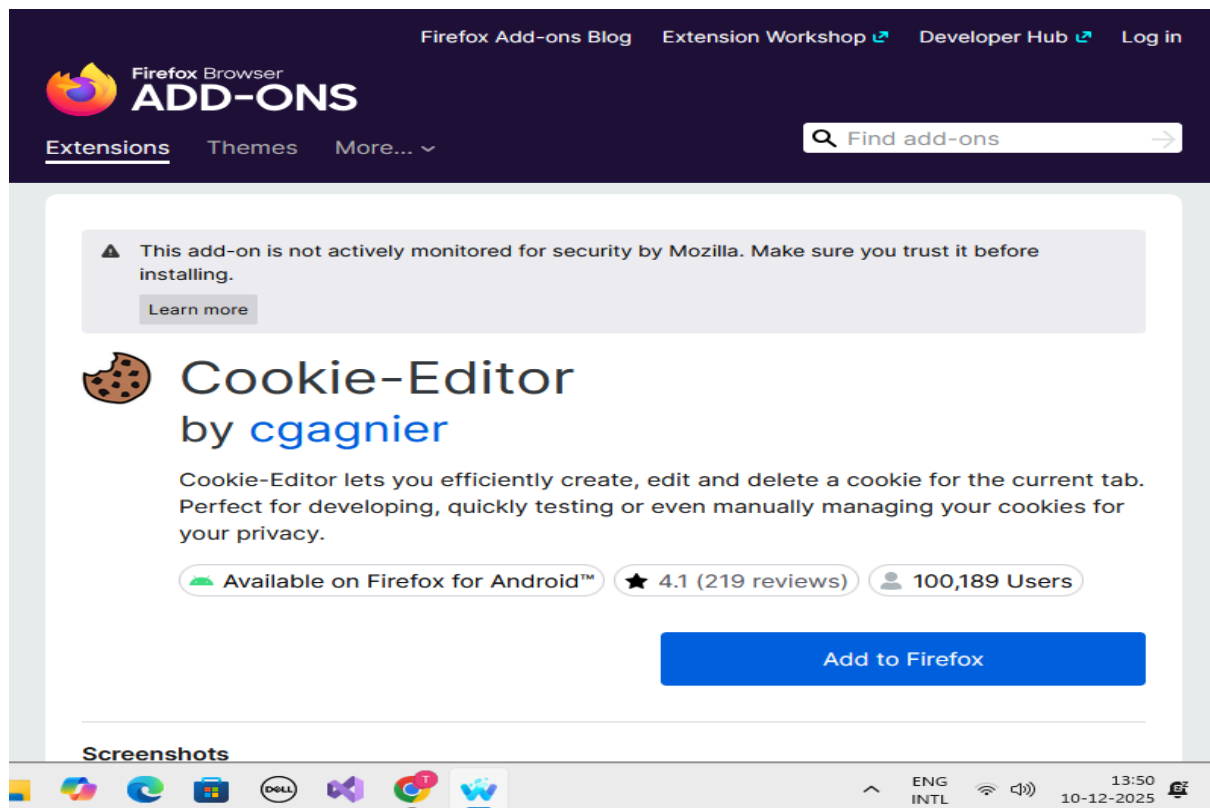
1. Download and Install Waterfox



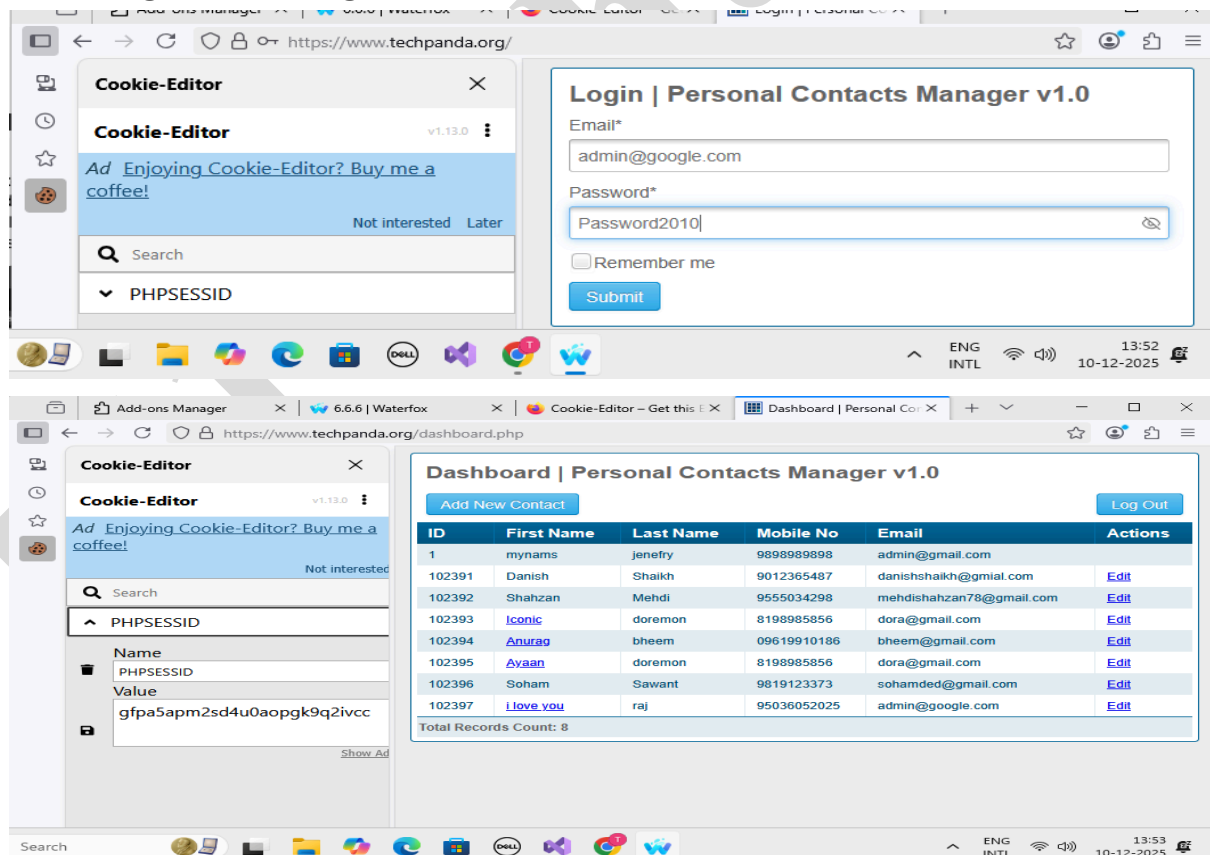
2. Install Tamper Data Add-on



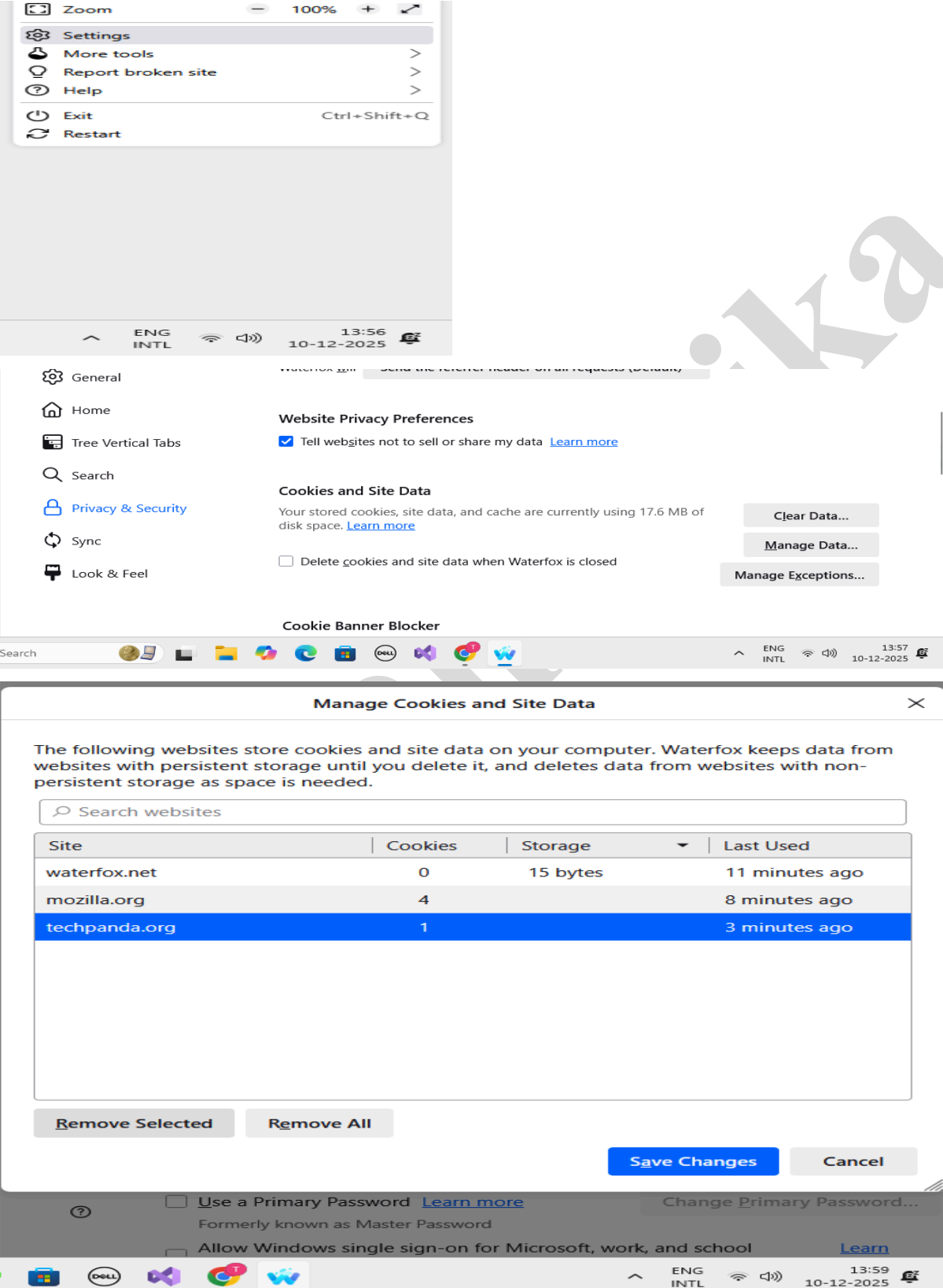
3. Install Cookie Editor



4. Login to the Target Website



5. Delete Cookies



The screenshot shows the Waterfox browser interface. The top menu bar includes 'Zoom', 'Settings', 'More tools', 'Report broken site', 'Help', 'Exit', and 'Restart'. The 'Settings' menu is open, showing options like 'General', 'Home', 'Tree Vertical Tabs', 'Search', 'Privacy & Security', 'Sync', and 'Look & Feel'. The 'Privacy & Security' section is selected, showing 'Website Privacy Preferences' and 'Cookies and Site Data'. The 'Cookies and Site Data' section indicates that 17.6 MB of disk space is used by stored cookies, site data, and cache. A checkbox for 'Delete cookies and site data when Waterfox is closed' is unchecked. The 'Manage Cookies and Site Data' dialog is open, displaying a table of cookies for three websites: waterfox.net, mozilla.org, and techpanda.org. The 'techpanda.org' entry is selected. The table has columns for 'Site', 'Cookies', 'Storage', and 'Last Used'. Below the table are buttons for 'Remove Selected', 'Remove All', 'Save Changes', and 'Cancel'. The system tray at the bottom shows the time as 13:56 and 13:57 on 10-12-2025.

Manage Cookies and Site Data

The following websites store cookies and site data on your computer. Waterfox keeps data from websites with persistent storage until you delete it, and deletes data from websites with non-persistent storage as space is needed.

Search websites

Site	Cookies	Storage	Last Used
waterfox.net	0	15 bytes	11 minutes ago
mozilla.org	4		8 minutes ago
techpanda.org	1		3 minutes ago

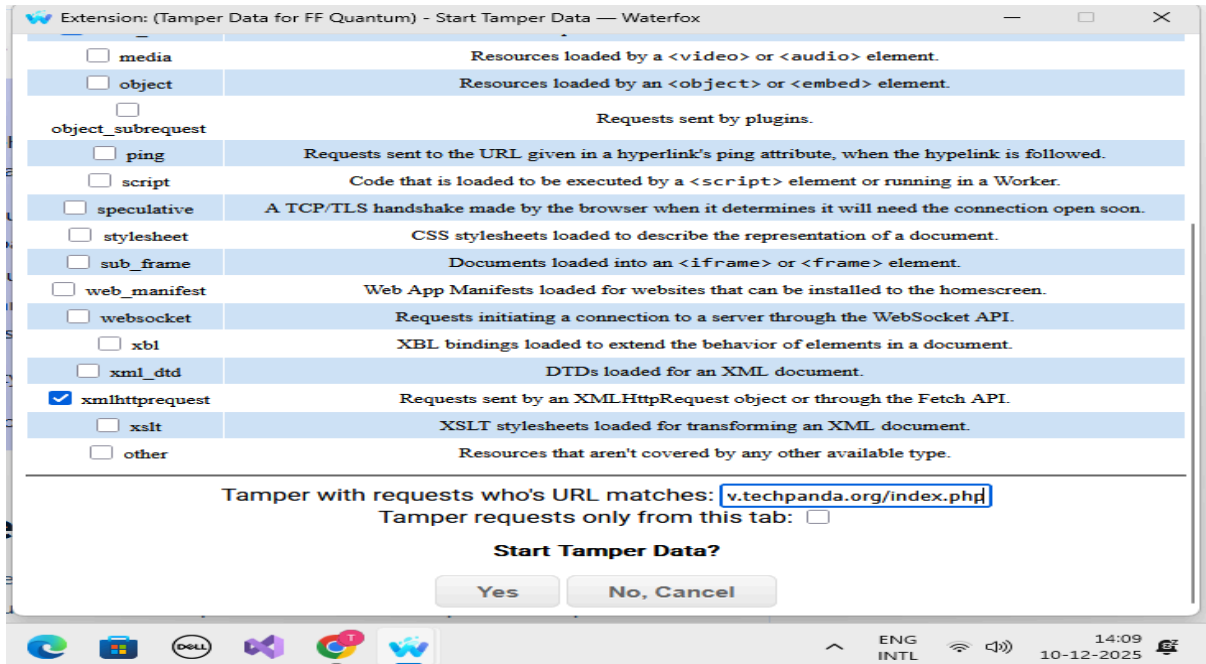
Remove Selected Remove All Save Changes Cancel

Use a Primary Password [Learn more](#) Change Primary Password...
Formerly known as Master Password
Allow Windows single sign-on for Microsoft, work, and school [Learn](#)

6. Start Tamper Data

1. Open Waterfox.

2. Click Extensions → Open Tamper Data.
3. Click Start Tamper.



7. Open Dashboard URL

In a new tab, go to: <https://www.techpanda.org/dashboard.php>

1. Click on Submit, A popup appears asking to Ok.
2. Locate the PHPSESSIONID field.
3. Paste the copied PHPSESSIONID.
4. Click OK and Submit.

8. Successfully Impersonate the Session

