

CM23058

Prelab:

The screenshot shows a browser window with multiple tabs open. The active tab is titled "TensorFlow.js Installation Test". The console output displays several error messages from "Tracking Prevention" regarding blocked access to storage for various TensorFlow.js files. It also shows the creation of three tensors: "Tensor [5, 7, 9]", "Tensor a: ► Array(3)", "Tensor b: ► Array(3)", and "Tensor c (a+b): ► Array(3)". A message indicates "Live reload enabled". At the bottom, there is an error message about failed to load a resource due to a 404 status code, along with a link to explain the error.

Lab Assignment 1:

The screenshot shows a browser window with multiple tabs open. The active tab is titled "127.0.0.1:5500/HelloTensorFlow.js/LabAssignments/LabAssignment1/LabAssignment1.html". The console output shows the creation of a scalar tensor "Scalar: 5" and a vector tensor "Vector: Tensor [1, 2, 3]". It also shows the creation of a matrix tensor "Matrix: Tensor [[1, 2], [3, 4]]". A message indicates "Live reload enabled". At the bottom, there is an error message about failed to load a resource due to a 404 status code, along with a link to explain the error.

Lab Assignment 2:

The screenshot shows a browser window with the URL `127.0.0.1:5500/HelloTensorFlow.js/LabAssignments/LabAssignment1/LabAssignment2.html`. The browser's address bar and taskbar are visible at the top and bottom respectively. The main content area displays the TensorFlow.js console output. It shows two operations: 'Addition Result' and 'Multiplication Result'. Both operations involve tensors of shape [3, 3]. The addition result is tensor [5, 9], and the multiplication result is tensor [4, 18, 18]. The console interface includes a 'Filter' dropdown, a 'Default levels' dropdown, and a 'No issues' button.

```
Addition Result: LabAssignment2.html:15
Tensor [5, 9]
Multiplication Result: LabAssignment2.html:20
Tensor [4, 18, 18]
```

Lab Assignment 3:

The screenshot shows a browser window with the URL `127.0.0.1:5500/HelloTensorFlow.js/LabAssignments/LabAssignment1/LabAssignment3.html`. The browser's address bar and taskbar are visible at the top and bottom respectively. The main content area displays the TensorFlow.js console output. It shows several tracking prevention errors for storage access to `https://cdn.jsdelivr.net/npm@tensorflow/tfjs`. It also shows the creation of a tensor from a 4x1 array, its reshaping into a 2x2 array, and its flattening into a 1x4 array. The console interface includes a 'Filter' dropdown, a 'Default levels' dropdown, and a 'No issues' button. A message at the bottom right encourages users to explain errors using Copilot in Edge.

```
Tracking Prevention blocked access to storage for https://cdn.jsdelivr.net/npm@tensorflow/tfjs. LabAssignment3.html:1
Tracking Prevention blocked access to storage for https://cdn.jsdelivr.net/npm@tensorflow/tfjs. LabAssignment3.html:1
Tracking Prevention blocked access to storage for https://cdn.jsdelivr.net/npm@tensorflow/tfjs. LabAssignment3.html:1
Tracking Prevention blocked access to storage for https://cdn.jsdelivr.net/npm@tensorflow/tfjs. LabAssignment3.html:1
Packaging Prevention blocked access to storage for https://cdn.jsdelivr.net/npm@tensorflow/tfjs. LabAssignment3.html:1
Original Tensor: LabAssignment3.html:12
Tensor [1, 2, 3, 4] tfjs:12
Reshaped Tensor: LabAssignment3.html:12
Tensor [[1, 2], [3, 4]] tfjs:12
Flattened Tensor: LabAssignment3.html:22
Tensor [1, 2, 3, 4] tfjs:12
Live reload enabled.
[NEW] Explain Console errors by using Copilot in Edge: click ⓘ to explain an error. learn more Don't show again
```