

This is Machine Learning Tools Lab.

Prelab

```
Tensor [1, 2, 3] tfjs@latest:17
Tensor [4, 5, 6] tfjs@latest:17
Tensor [5, 7, 9] tfjs@latest:17
Live reload enabled. index.html:55
Failed to load resource: the server responded with a status of 404 (Not Found) favicon.ico:1

Turn on Console insights in Settings to receive AI assistance for understanding and addressing console warnings and errors. Learn more
```

⚠ Warning: Don't paste code into the DevTools Console that you don't understand or haven't reviewed yourself. This could allow attackers to steal your identity or take control of your computer. Please type 'allow pasting' below and press Enter to allow pasting.

```
> a.print();
Tensor [1, 2, 3] tfjs@latest:17
< undefined
> b.print()
Tensor [4, 5, 6] tfjs@latest:17
< undefined
> c.print()
Tensor [5, 7, 9] tfjs@latest:17
< undefined
>
```

You earned the Chrome DevTools User badge for the [Google Developer Program](#)! Turn on badges to claim it.

Remind me later Turn on badges

12°C Sunny

Search

Vector Operations

127.0.0.1:5500/HelloTensorFlowJS/addMul/addMul.html

```
Tensor [1, 2, 3] tfjs@latest:17
Tensor [4, 5, 6] tfjs@latest:17
Tensor [5, 7, 9] tfjs@latest:17
Tensor [4, 10, 18] tfjs@latest:17
Live reload enabled. addMul.html:54
> addResult.print()
Tensor [5, 7, 9] tfjs@latest:17
< undefined
> mulResult.print()
Tensor [4, 10, 18] tfjs@latest:17
< undefined
>
```

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Search

ENG IN 08:48 AM 30-12-2025

A screenshot of a browser window displaying the TensorFlow.js console interface. The title bar shows tabs for "prelab MLTL", "Vector Operations", and "Tensor Dimensions". The address bar indicates the URL is 127.0.0.1:5500/HelTensorFlowJS/dimensionalTensors/dim.html. The main content area is a dark-themed code editor with syntax highlighting for JavaScript and TensorFlow.js code. The code consists of several print statements:

```
> scalar.print()
Tensor
5
Tensor
[1, 2, 3]
Tensor
[[1, 2],
 [3, 4]]
Live reload enabled.
> vector.print()
Tensor
[1, 2, 3]
< undefined
> matrix.print()
Tensor
[[1, 2],
 [3, 4]]
< undefined
> |
```

A screenshot of a browser window displaying the TensorFlow.js console interface. The title bar shows tabs for "prelab MLTL", "Vector Operations", and "Tensor Dimensions". The address bar indicates the URL is 127.0.0.1:5500/HelTensorFlowJS/tensorReshaping/reshape.html. The main content area is a dark-themed code editor with syntax highlighting for JavaScript and TensorFlow.js code. The code consists of several print statements:

```
> tensor.print()
Tensor
[[1, 2, 3],
 [4, 5, 6]]
Tensor
[[1, 2],
 [3, 4],
 [5, 6]]
Tensor
[1, 2, 3, 4, 5, 6]
Live reload enabled.
> tensor.print()
Tensor
[[1, 2, 3],
 [4, 5, 6]]
< undefined
> reshaped.print()
Tensor
[[1, 2],
 [3, 4],
 [5, 6]]
< undefined
> flatten.print()
> flattened.print()
VM161:1 Uncaught ReferenceError: flatten is not defined
at <anonymous>:1:1
> flattened.print()
Tensor
[1, 2, 3, 4, 5, 6]
< undefined
> |
```