

## Assignment 1: Scalar, Vector, Matrix

```
Tensor  
5  
Tensor  
[1, 2, 3]  
Tensor  
[[1, 2],  
 [3, 4]]  
Live reload enabled.  
INDEX.HTML:49  
> |
```

The developer tools' console tab displays three tensors. The first tensor is a scalar value 5. The second tensor is a vector with elements [1, 2, 3]. The third tensor is a matrix with elements [[1, 2], [3, 4]]. A message "Live reload enabled." is also present. The timestamp "tfjs:17" appears next to each tensor entry, and "INDEX.HTML:49" is at the bottom right.



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127.0.0.1:5500/ASSIGNMENT2/INDEX.HTML

Assignment 2: Vector Addition & Multiplication

Elements Console Sources Network >

top Filter Default levels No Issues

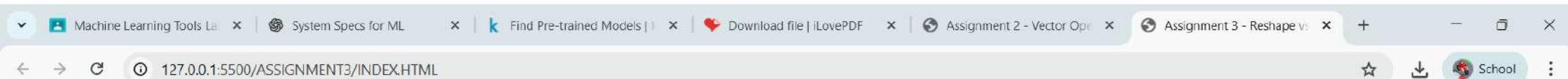
Tensor [5, 7, 9] tfjs:17

Tensor [4, 10, 18] tfjs:17

Live reload enabled. INDEX.HTML:50

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## Assignment 3: Reshape and Flatten

```
Tensor tfjs:17
[[1, 2],
 [3, 4]]
Tensor tfjs:17
[[1],
 [2],
 [3],
 [4]]
Tensor tfjs:17
[1, 2, 3, 4]
Live reload enabled. INDEX.HTML:50
>
```

