

## CM23058 Practical 1

Linear Regression with Synthetic Data

Training started...

Tracking Prevention blocked access to storage for <https://cdn.jsdelivr.net/npm/@tensorflow/tfjs@latest>. [index.html:27](#)

Tracking Prevention blocked access to storage for <https://cdn.jsdelivr.net/npm/@tensorflow/tfjs@latest>. [index.html:46](#)

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Tracking Prevention blocked access to storage for <https://cdn.jsdelivr.net/npm/@tensorflow/tfjs@latest>. [index.html:46](#)

Live reload enabled. [index.html:74](#)

Epoch 0: loss = 18.507144927978516 [index.html:33](#)

Epoch 50: loss = 0.01737934723496437 [index.html:33](#)

Epoch 100: loss = 0.0008316383464261889 [index.html:33](#)

Epoch 150: loss = 0.000039796817873138934 [index.html:33](#)

Tensor

```
[[8.9976339 ],  
 [10.9964857],  
 [12.9953365]]
```

[NEW] Explain Console errors by using Copilot in Edge: click [?](#) to explain an error. [Learn more](#) [Don't show again](#)

### Lab Assignment 1:

Linear Regression (TensorFlow.js)

Open console and type: `addPoint(x, y)`

Equation:  $y = 1.61x + 0.69$

MSE: 0.0358

Points: 3

Tracking Prevention blocked access to storage for [cURLs](#). [LabAssignment1.html:122](#)

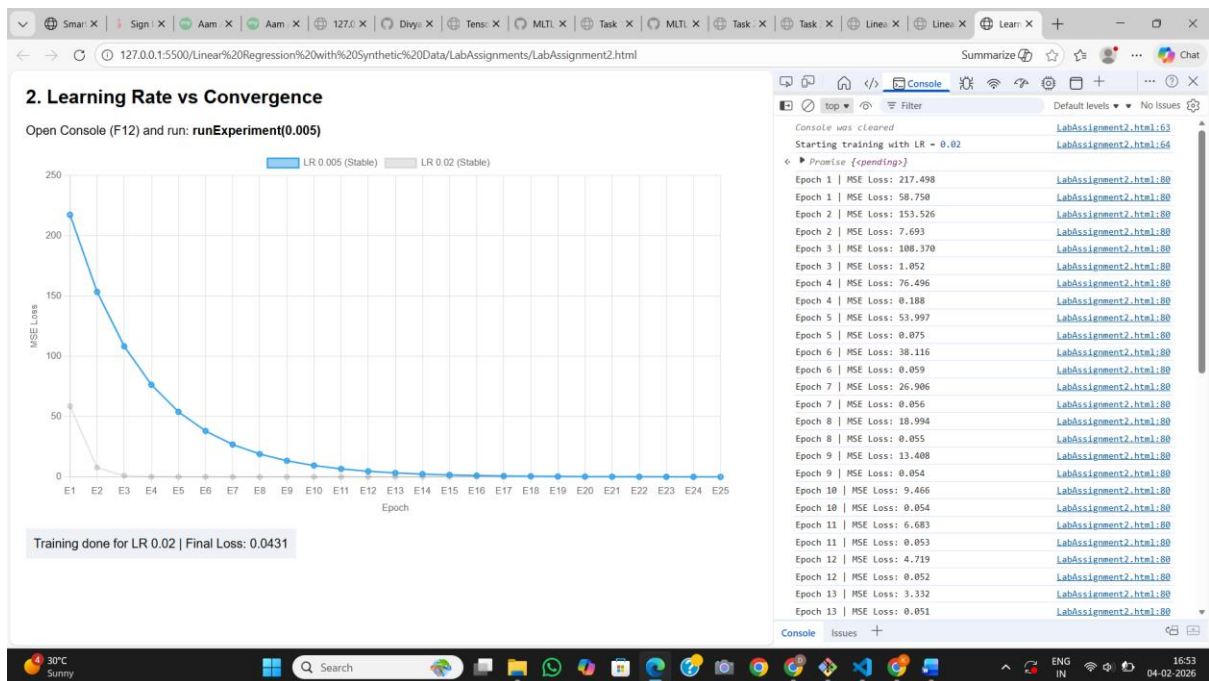
Use: `addPoint(x, y)` [LabAssignment1.html:153](#)

Live reload enabled. [LabAssignment1.html:153](#)

[NEW] Explain Console errors by using Copilot in Edge: click [?](#) to explain an error. [Learn more](#) [Don't show again](#)

```
> addPoint(2,4)  
e Promise {<fulfilled>: undefined}  
> addPoint(1,2)  
e Promise {<pending>}  
Point added: (1, 2) LabAssignment1.html:119  
> addPoint(2,4)  
e Promise {<pending>}  
Point added: (2, 4) LabAssignment1.html:119  
> |
```

## Lab Assignment 2:



## Lab Assignment 3:

