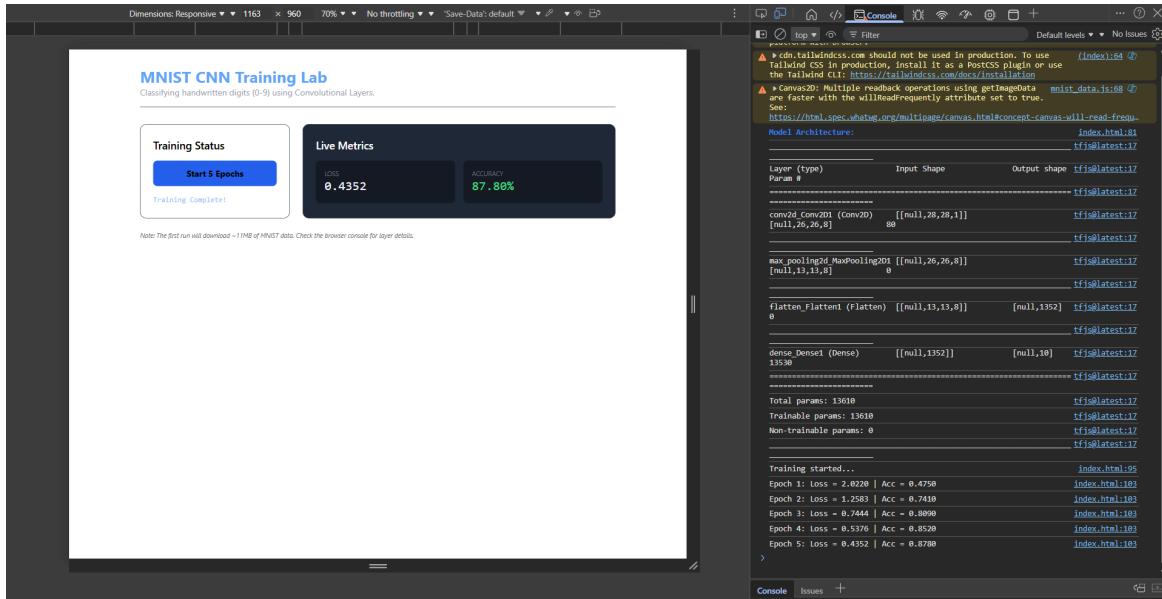
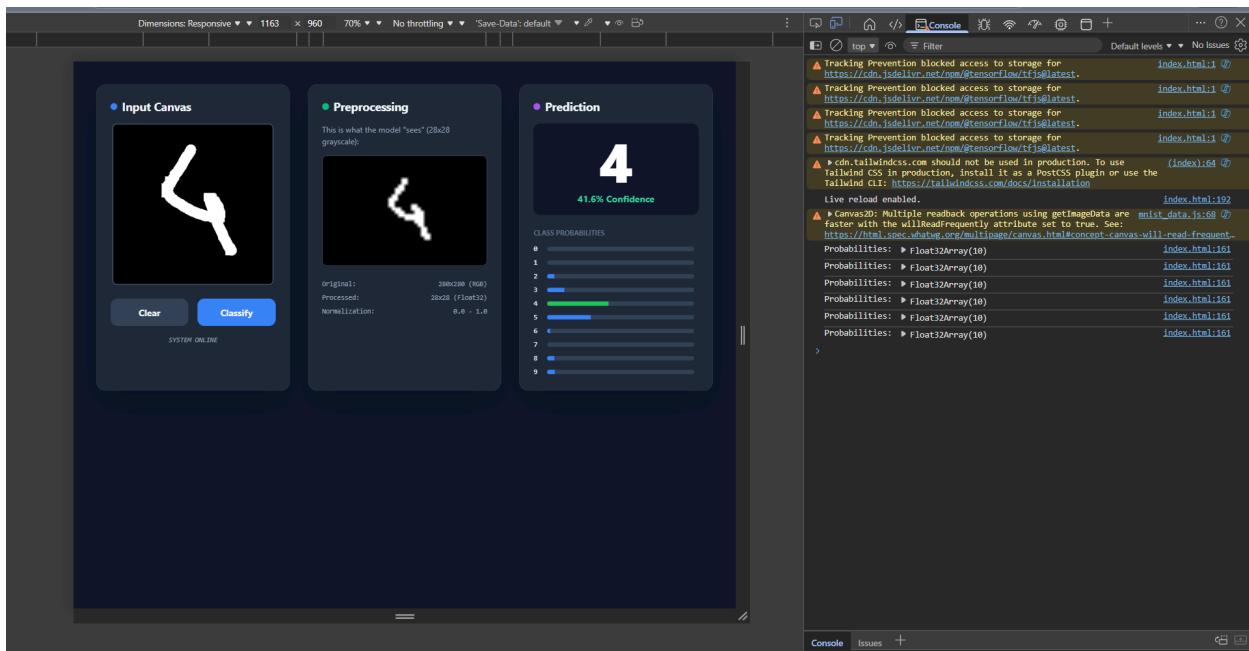


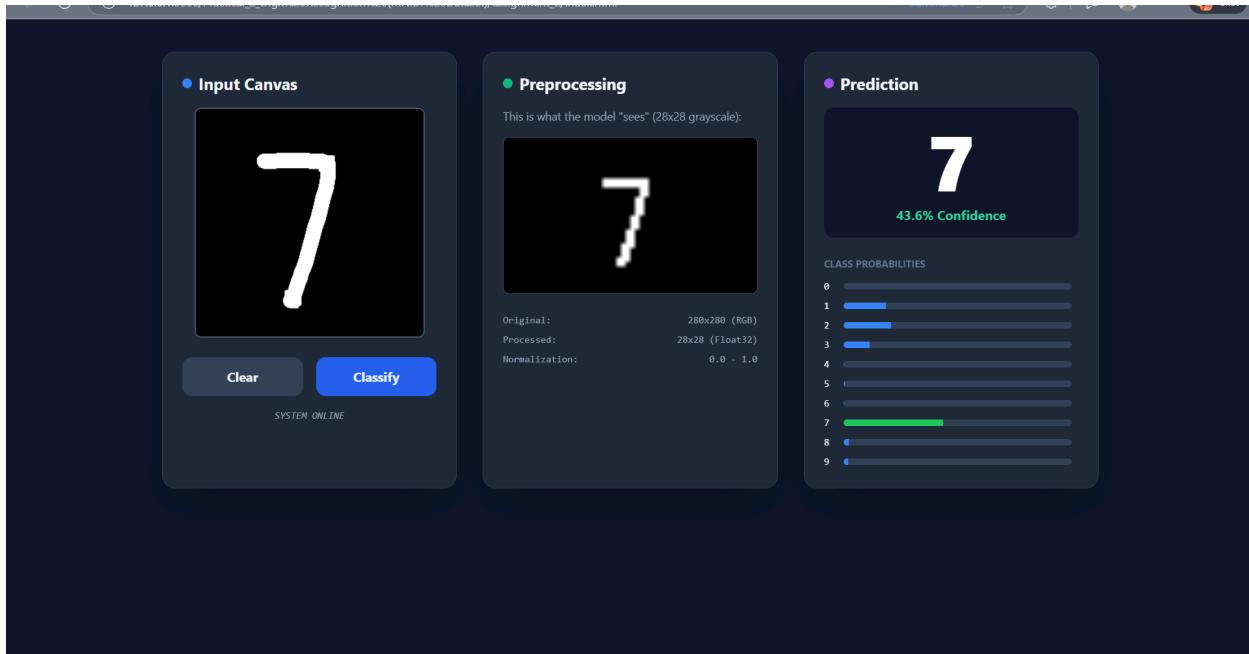
# practical : 2

## Assignment :1



## Assignment :2





# Assignment: 3

The screenshot shows a web page titled 'MNIST Architecture Benchmark' comparing Dense (MLP) and Convolutional (CNN) networks. The page includes a 'Run Comparison' button, live accuracy data (Dense Net: 91.8%, CNN: 98.3%), and a convergence curve plot. The convergence curve shows accuracy increasing over 5 epochs for both models, with the CNN reaching higher accuracy faster. An experimental note at the bottom encourages checking the browser console for loss values. The browser's developer tools are open, showing the console log with training epochs and accuracy values.

Dimensions: Responsive ▾ 1163 × 960 70% ▾ No throttling ▾ Save Data: default ▾ ⌂

MNIST Architecture Benchmark  
Analyzing the efficiency of Dense (MLP) vs. Convolutional (CNN) networks.

Run Comparison

Benchmarking Complete.

LIVE ACCURACY

Dense Net	91.8%
CNN	98.3%

CONVERGENCE CURVE

Experimental Note  
Check the Browser Console (F12) to see the loss values for each epoch. Even if accuracy is similar, notice how the CNN often achieves lower loss (higher confidence) more quickly.

Console was cleared

INDEX PERFORMANCE BENCHMARK ...

⚠️ canvas-2d: readback operations using getImageData are faster with the willReadFrequently attribute set to true. See: <https://html.spec.whatwg.org/multipage/canvas.html#concept-canvas-will-read-frequent>.

Dense Epoch 1: Acc=0.6130 index.html:96  
Dense Epoch 2: Acc=0.8500 index.html:97  
Dense Epoch 3: Acc=0.8868 index.html:98  
Dense Epoch 4: Acc=0.9089 index.html:99  
Dense Epoch 5: Acc=0.9175 index.html:100  
CNN Epoch 1: Acc=0.6109 index.html:130  
CNN Epoch 2: Acc=0.8245 index.html:131  
CNN Epoch 3: Acc=0.8790 index.html:132  
CNN Epoch 4: Acc=0.9353 index.html:133  
CNN Epoch 5: Acc=0.9929 index.html:134