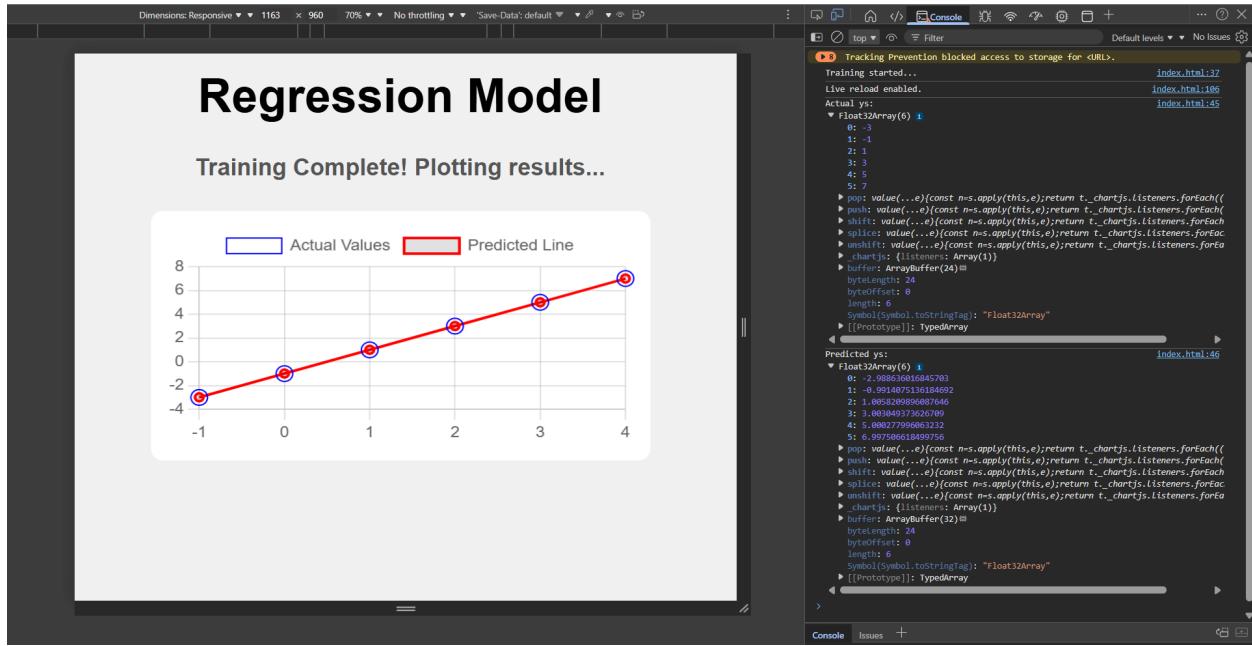
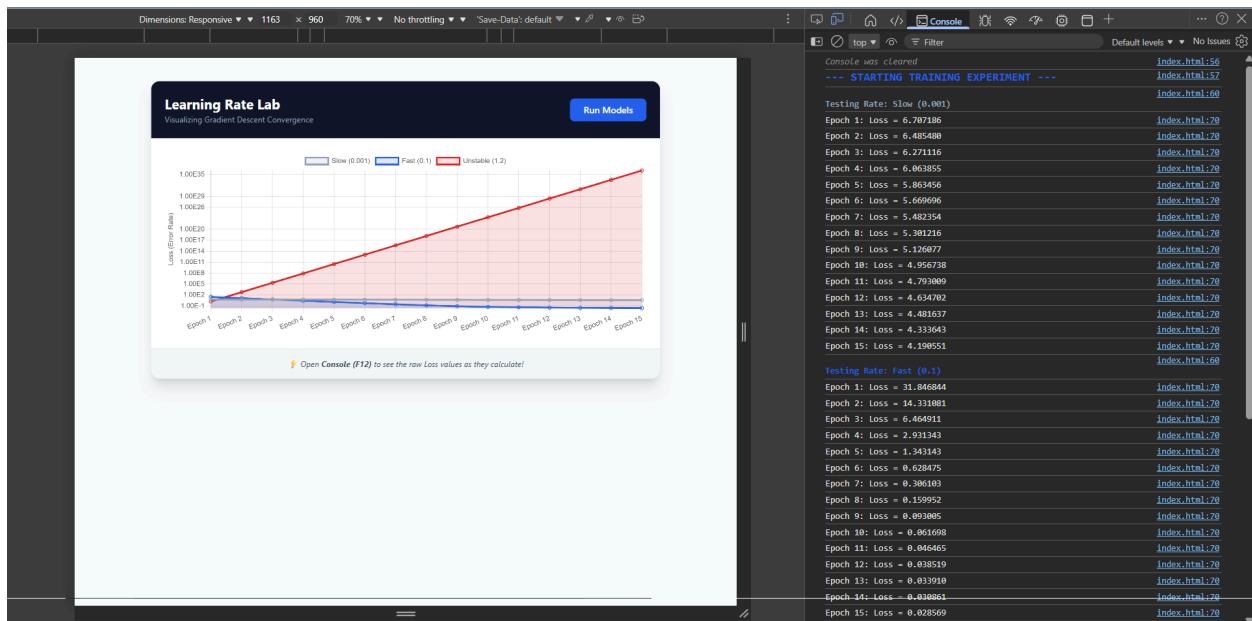


practical : 1

Assignment :1



Assignment :2



Assignment: 3

The screenshot shows a web application interface for "Unseen Data Testing" with a target function $y = 2x$. The application includes a "Train & Predict Unseen Data" button and a message indicating success: "Success! Model extrapolated the pattern". Below this is a "Comparison Results" table:

| INPUT (X) | EXPECTED (Y) | MODEL PREDICTION | ACCURACY |
|-----------|--------------|------------------|----------|
| 5 | 10 | 9.96 | 99.60% |
| 10 | 20 | 19.87 | 99.35% |
| 25 | 50 | 49.59 | 99.18% |
| 100 | 200 | 198.18 | 99.09% |

The browser's developer tools show the console output:

```
Console was cleared
--- UNSEEN DATA PREDICTIONS ---
Input: 5 | Expected: 10 | Predicted: 9.96 (Acc: 99.60%)
index.html:71
index.html:72
Input: 10 | Expected: 20 | Predicted: 19.87 (Acc: 99.35%)
index.html:85
index.html:85
Input: 25 | Expected: 50 | Predicted: 49.59 (Acc: 99.18%)
index.html:85
index.html:85
Input: 100 | Expected: 200 | Predicted: 198.18 (Acc: 99.09%)
index.html:85
```