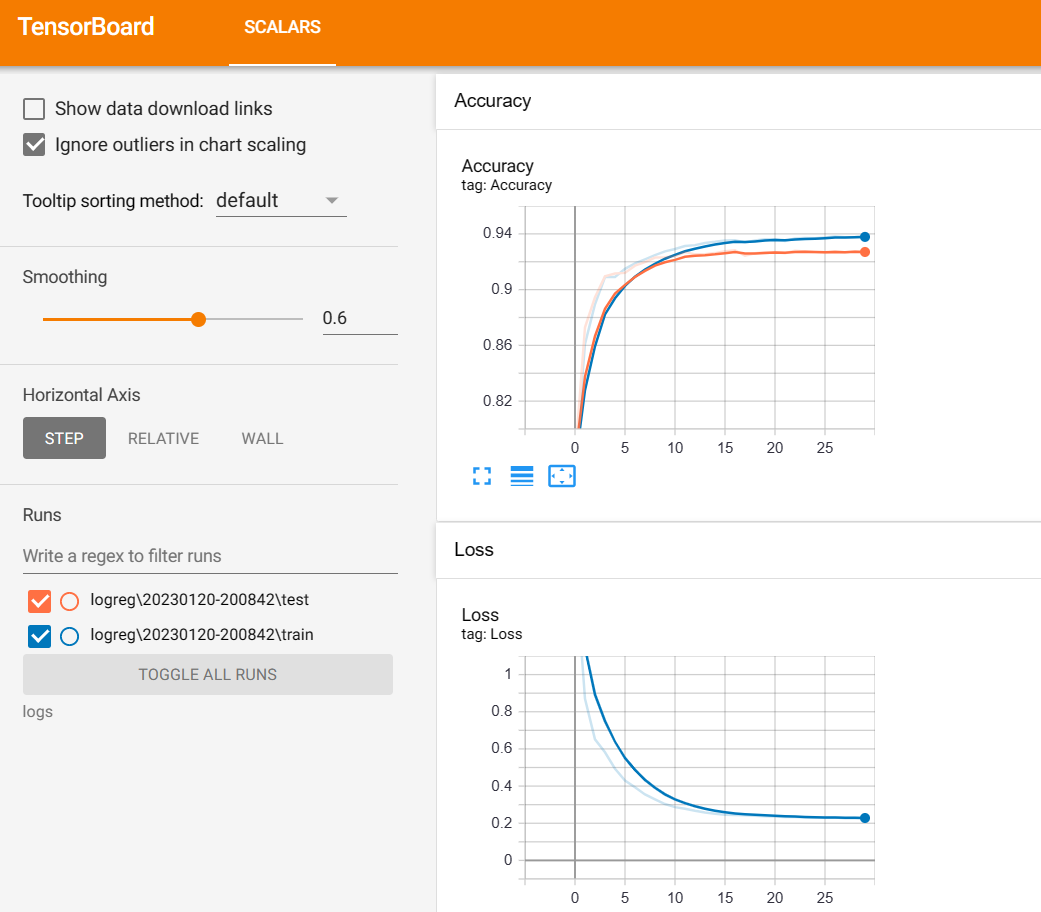
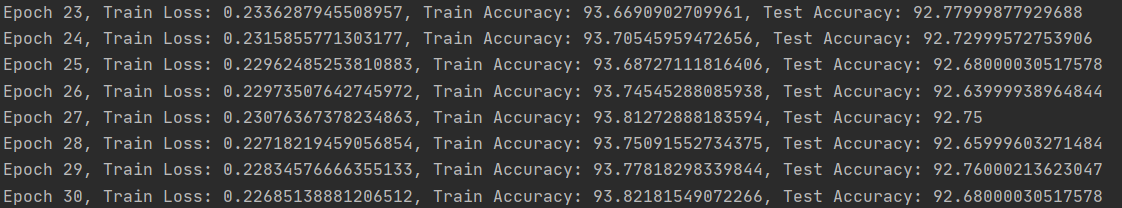
**ASSIGNMENT 1 – REPORT**

**For a1a.py (TASK 1)**

**Description –**

In this task, I used the Logistic Regression model. It is one of the simplest and most common techniques for supervised learning. It is a statistical method used to predict a binary outcome given a set of independent variables. It uses a logistic function to model a probability of a certain class or event existing such as the class of the given handwritten digit in our case.

**TensorBoard graphs –**

**Accuracy –**

**Time spent –**

I spent about 20 minutes on this task. I went through the template code, read a bit about logistic regression, and understood the utils methods in detail as well. It was a relatively straightforward task.

**For a1b.py (TASK 2)**

**Description –**

**TensorBoard graphs –**

**Accuracy –**

**Time spent –**

**Interesting Problems Met**