CS5830: Big Data Laboratory

Assignment 6

Report

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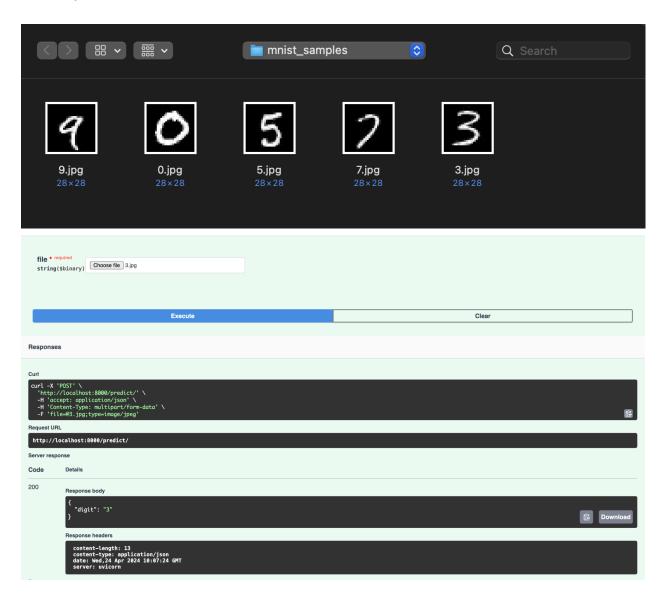


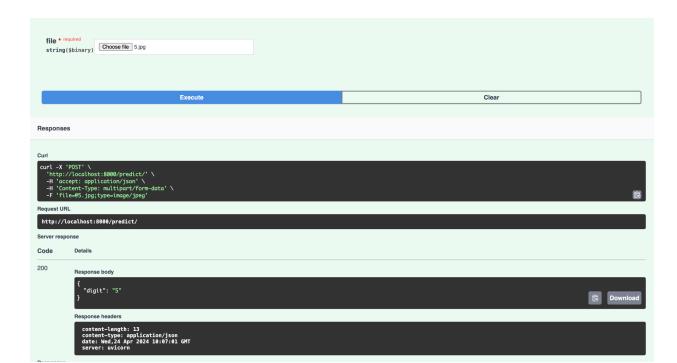
Indian Institute of Technology Madras Chennai 600036, India

Task 1:

Run python task1.py mnist_model.h5 in terminal

Checking on a few samples from the test folder of MNIST downloads.







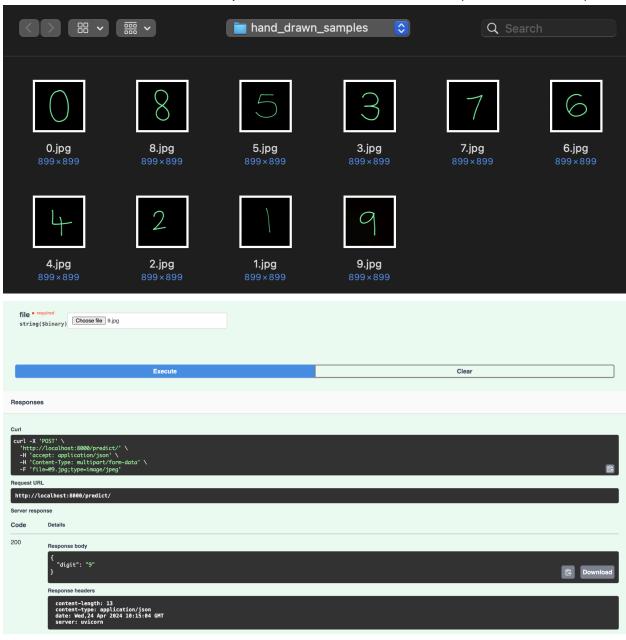
Good Outputs as expected!

Task 2:

Run python task2.py mnist_model.h5 in terminal

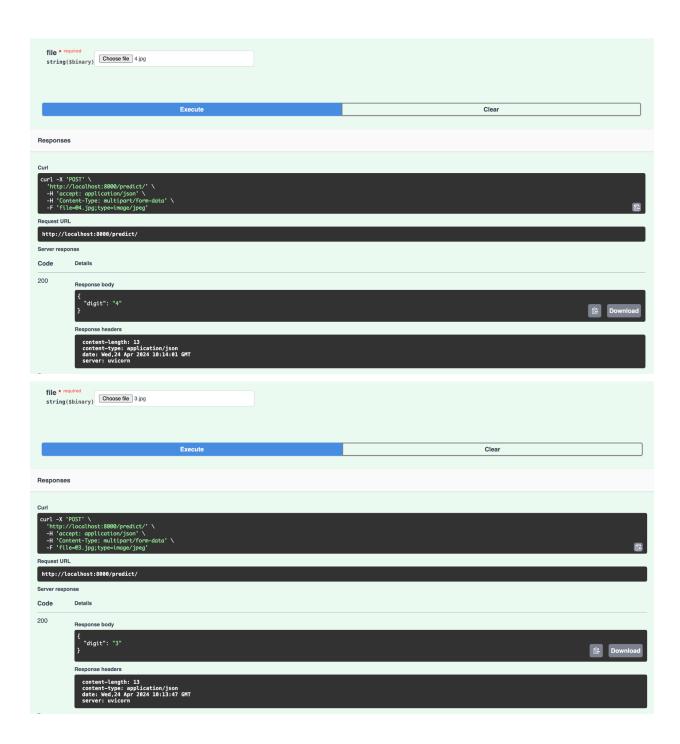
I drew with the sketch option on WhatsApp.

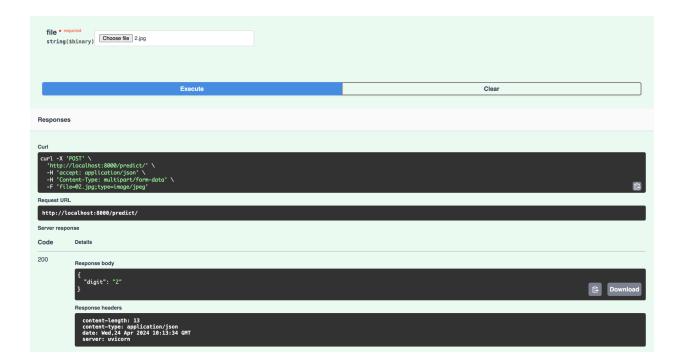
Notice the difference in size compared to the 28*28 from MNIST (here it's 899*899)













Great Performance on **all 10 digits** from the hand-drawn samples is shown by the modified code (that is, task2.py!

Accuracy: 100%