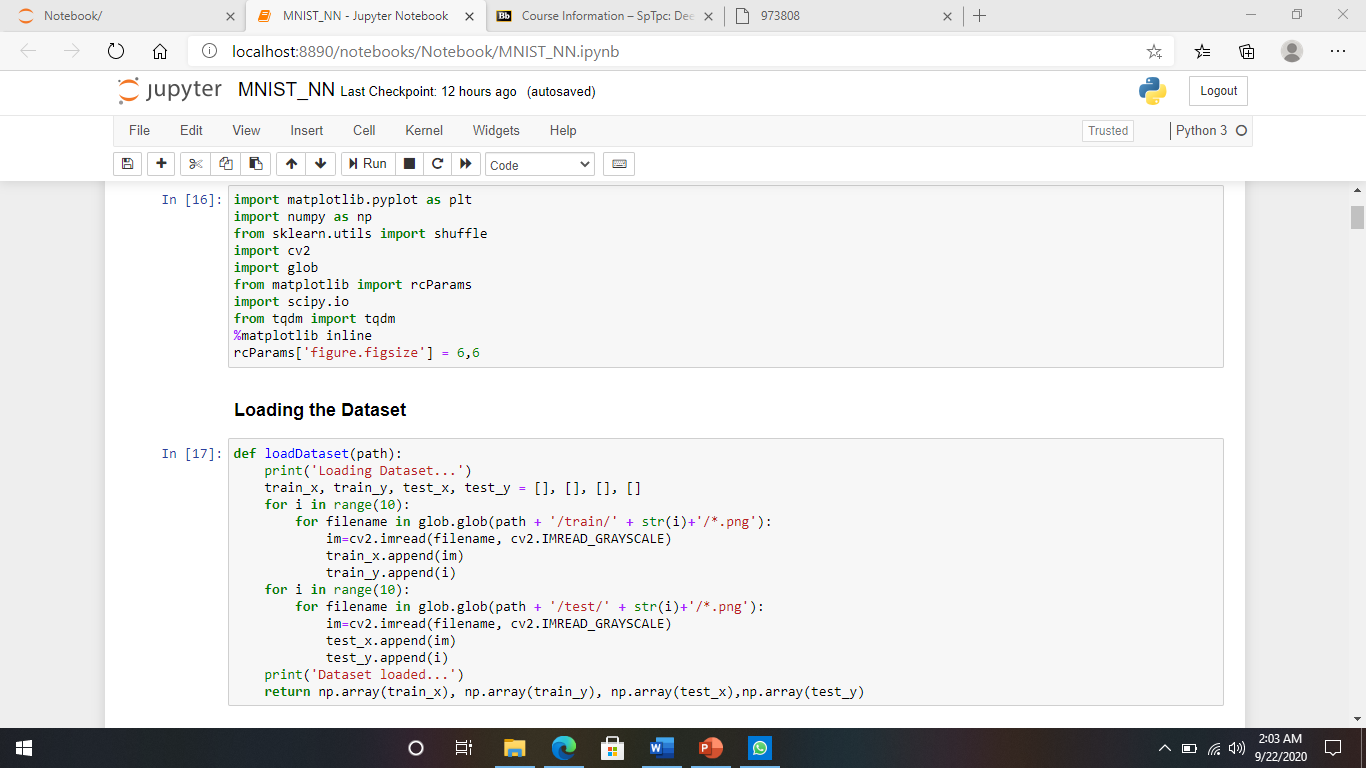
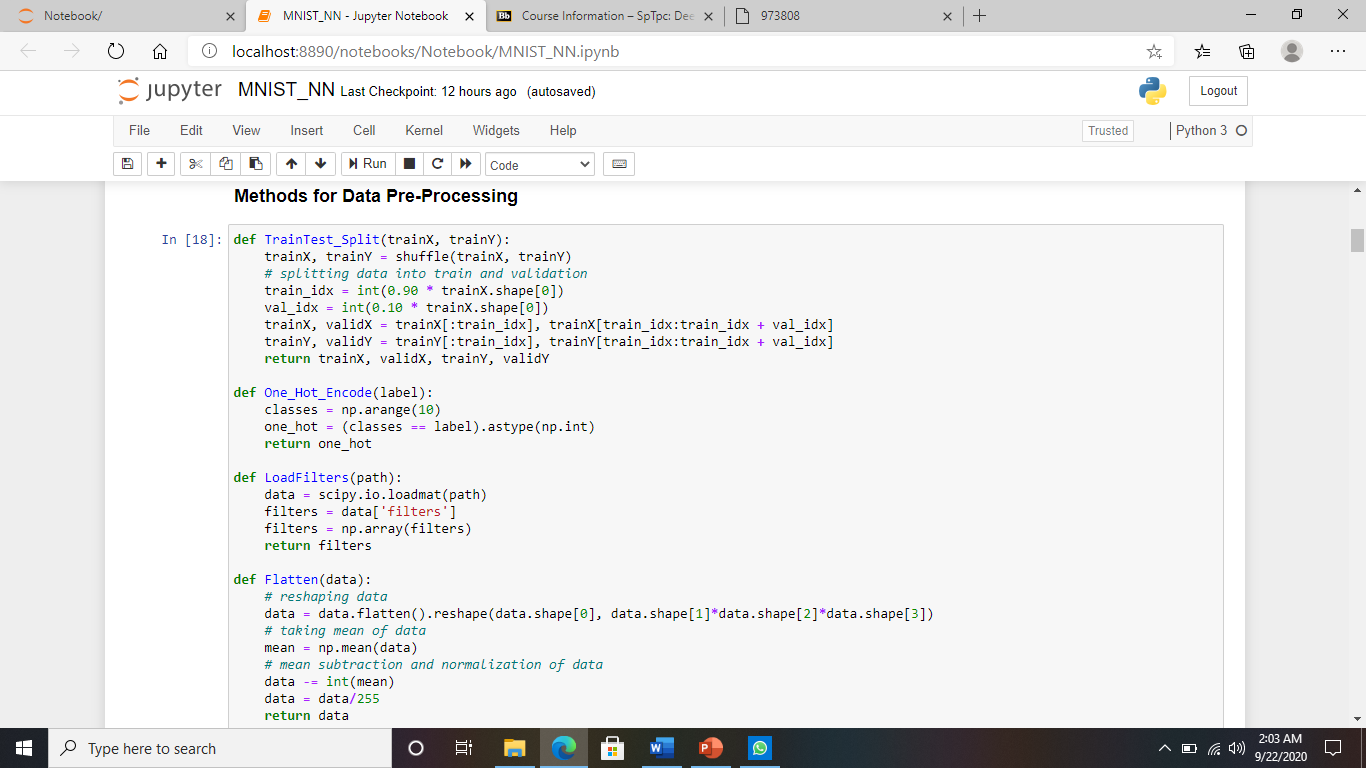
**Homework-1**

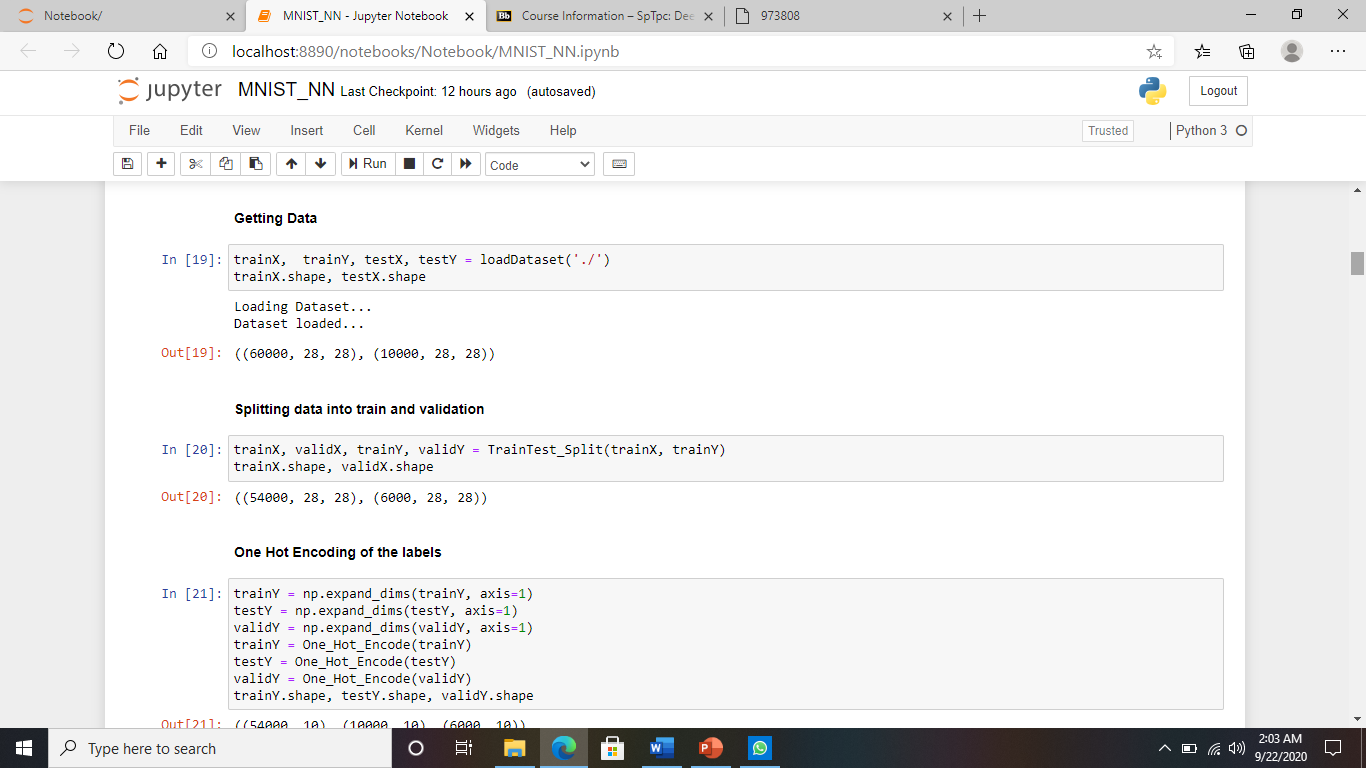
**Course: Deep Learning (CS\_598H)**

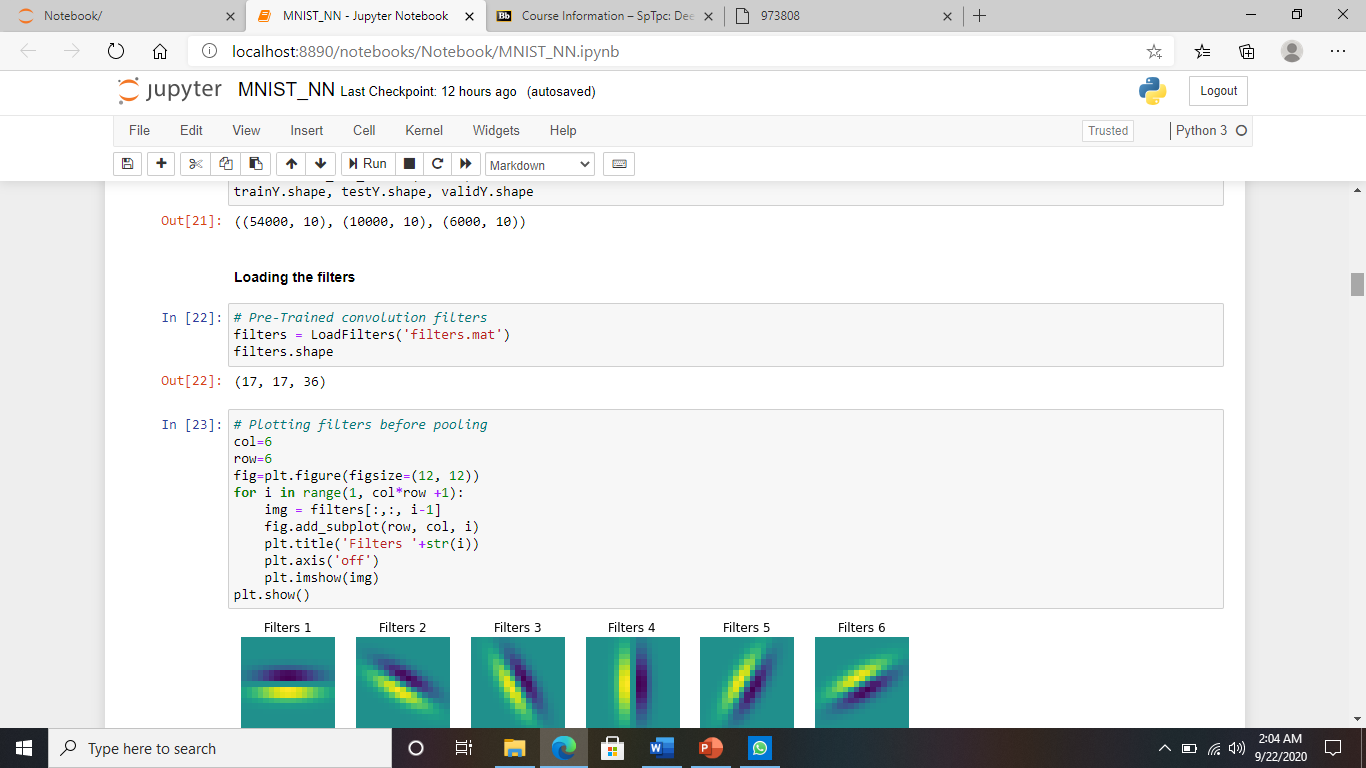
**Screen Shots of Running code and Outputs.**

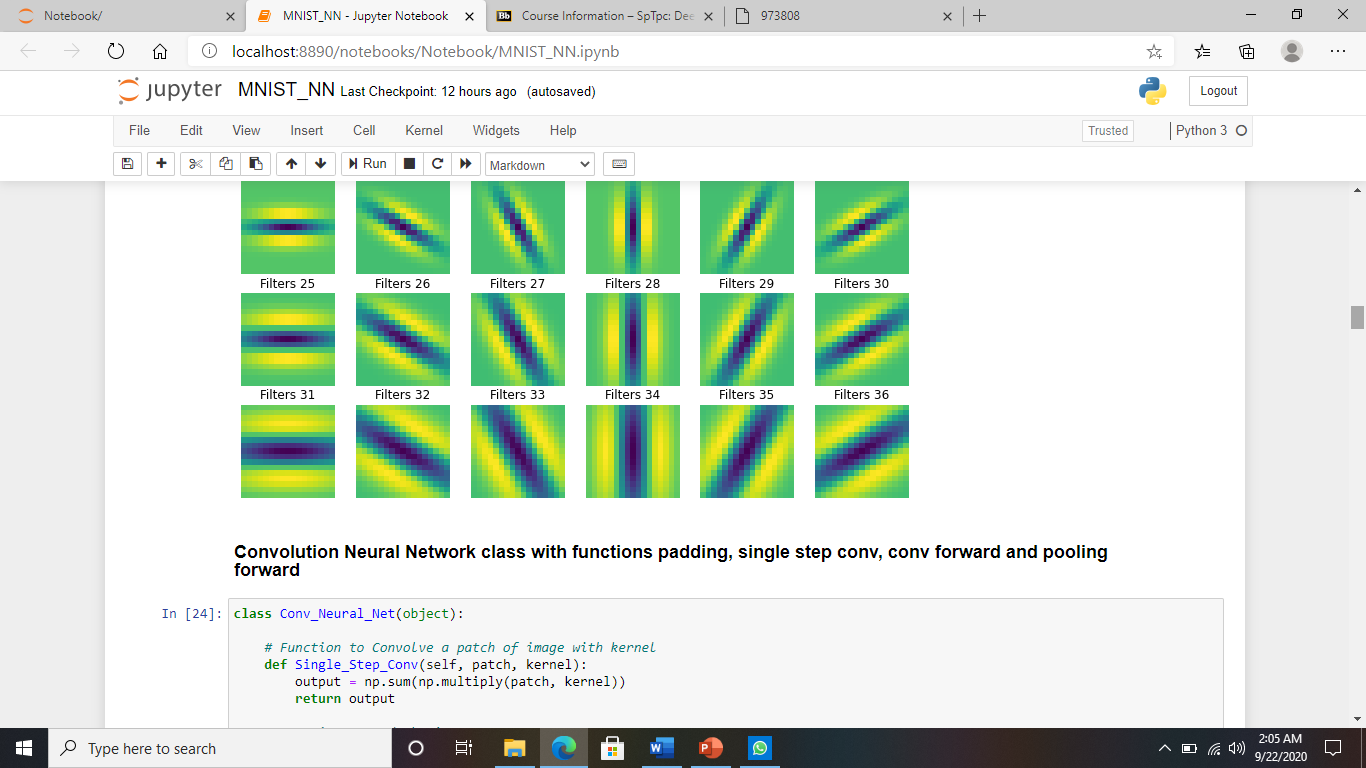
**Submitted by Waleed Asghar**

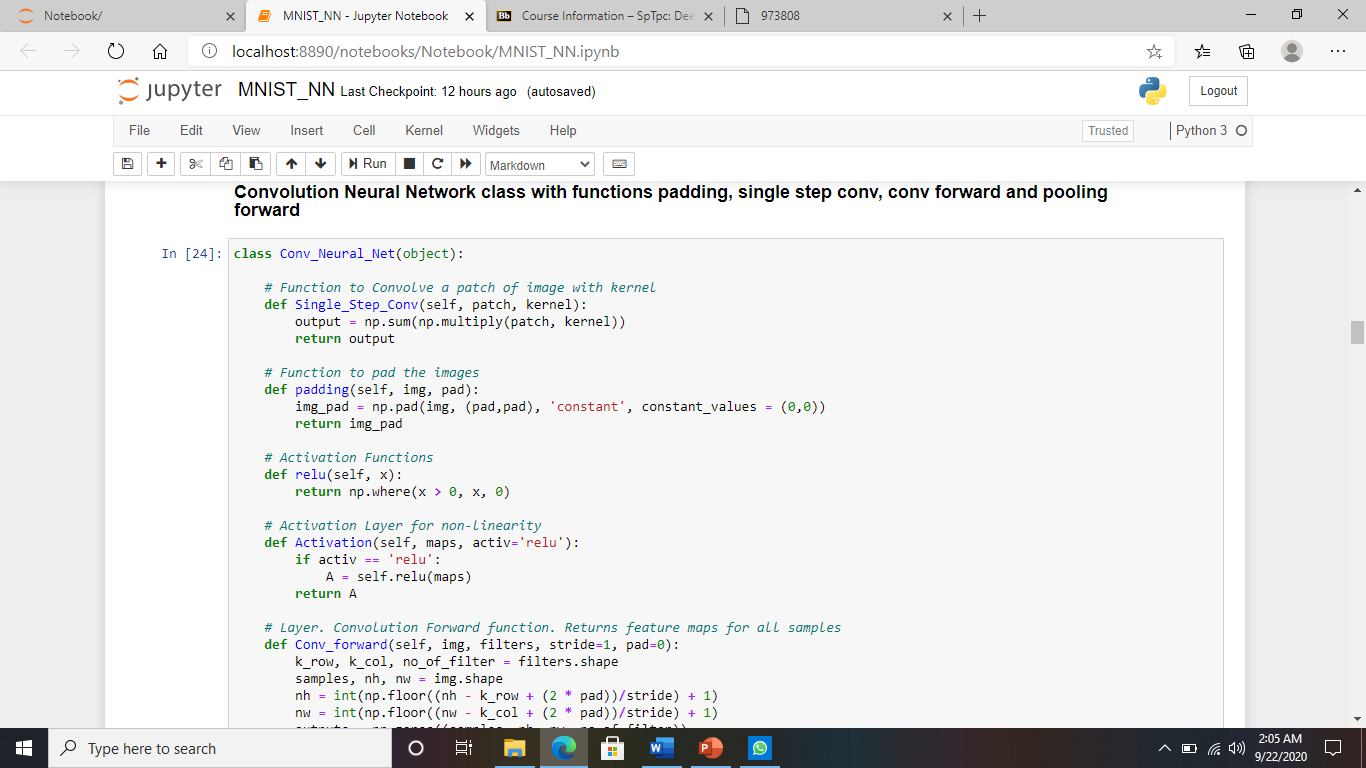


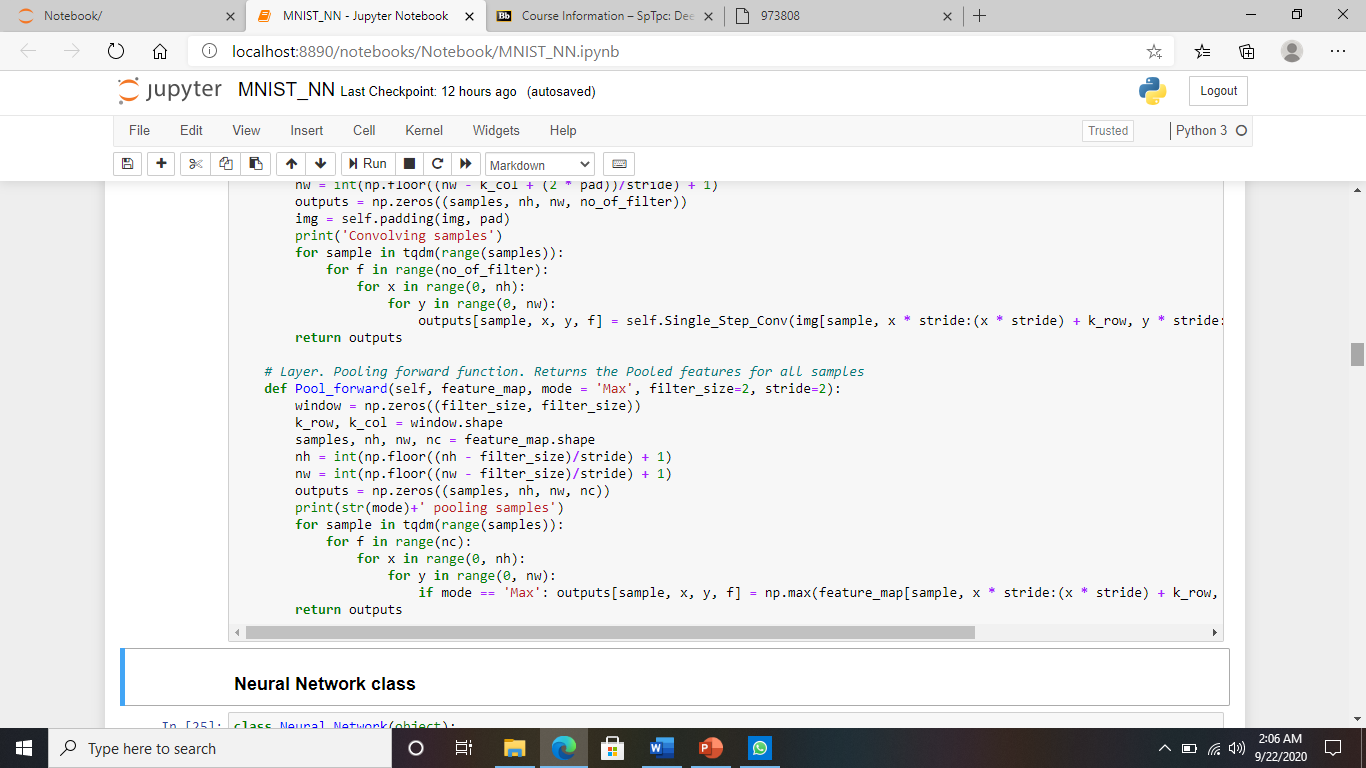


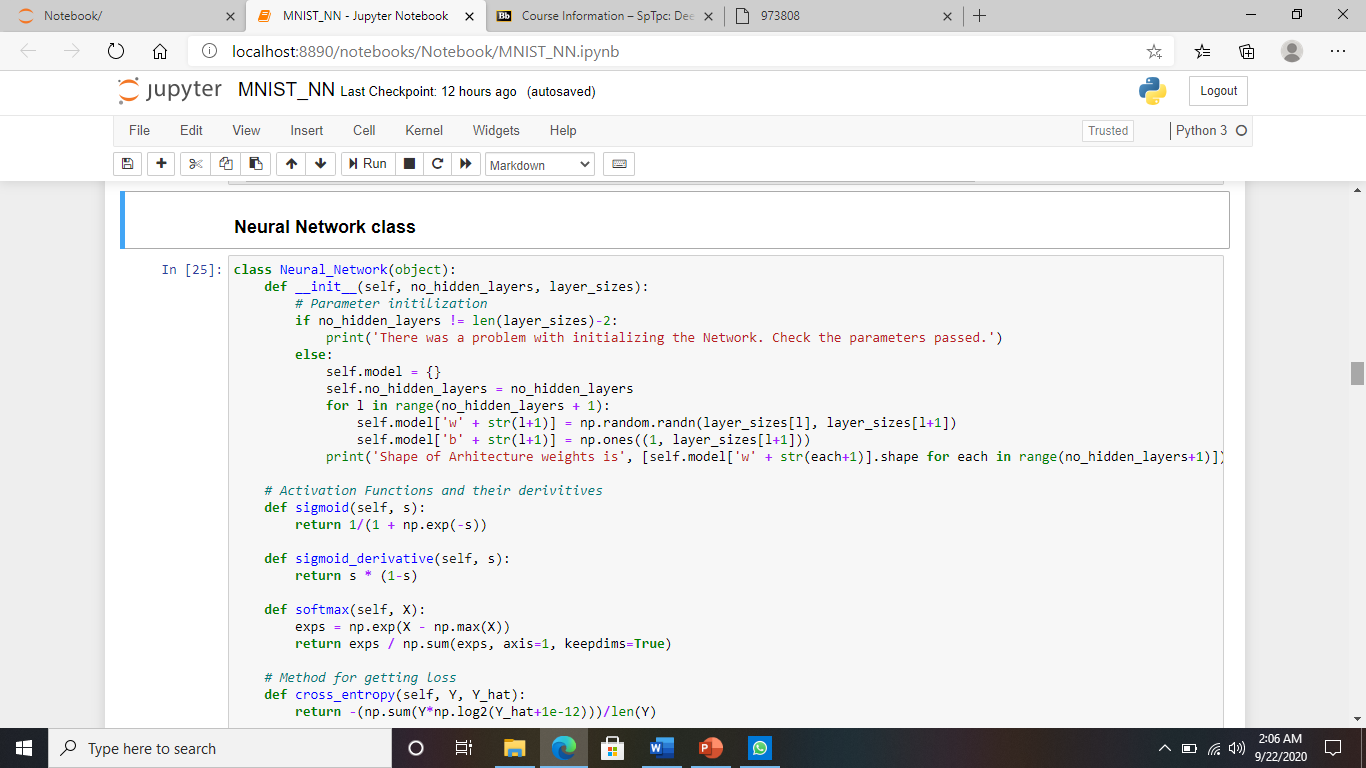


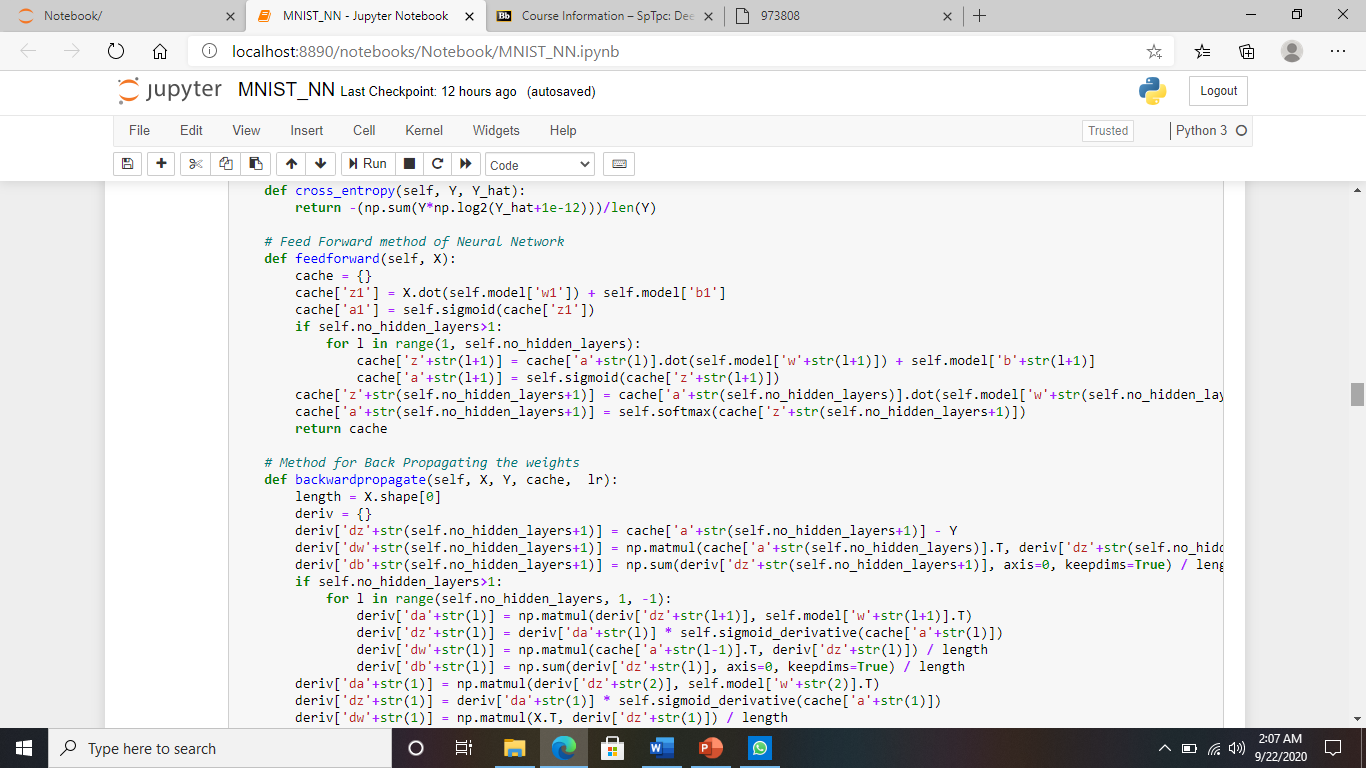


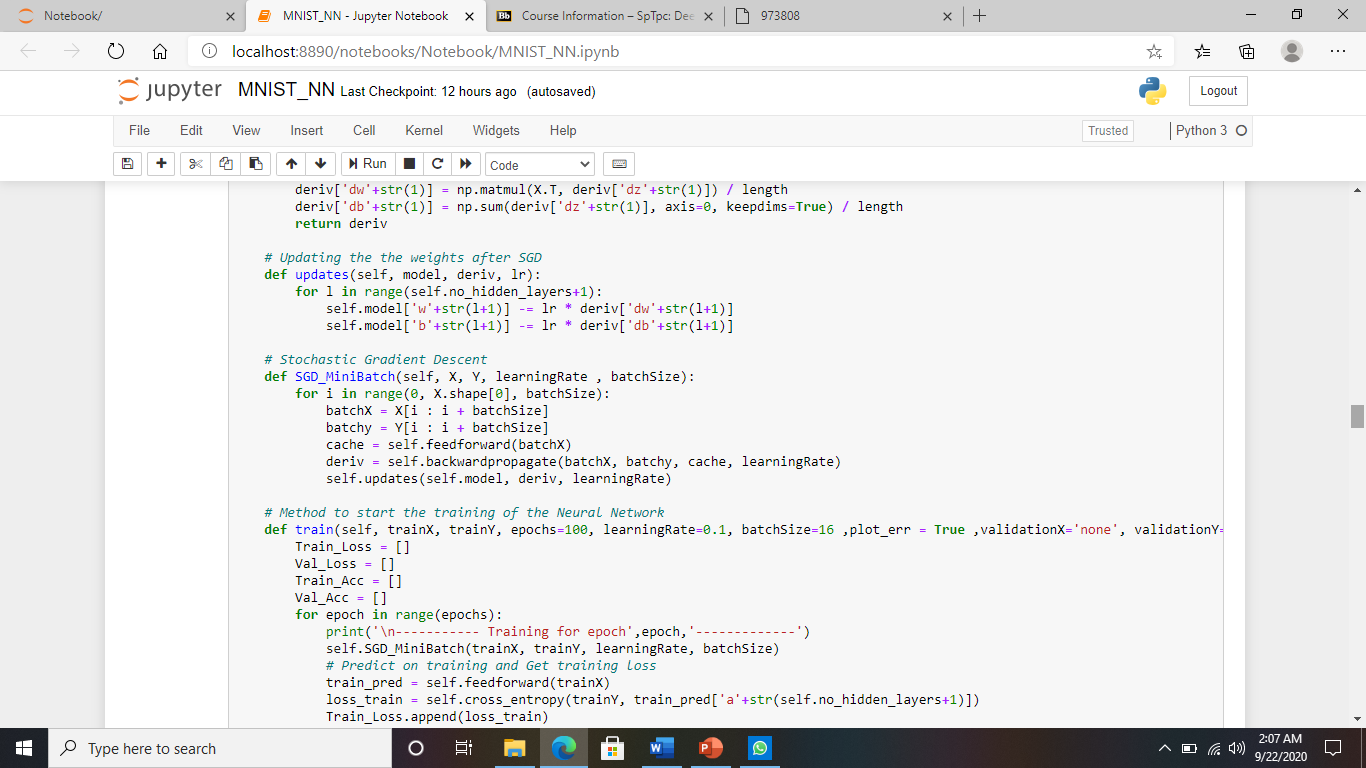


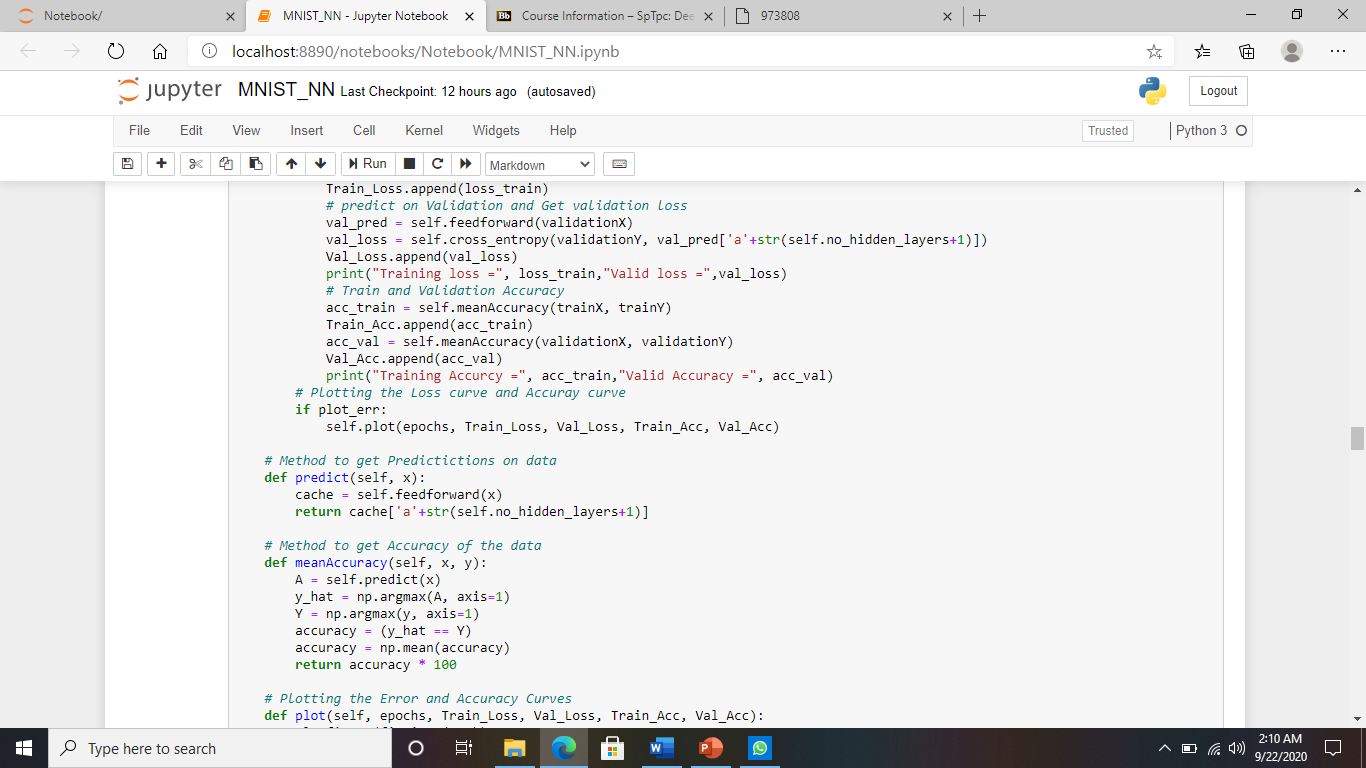


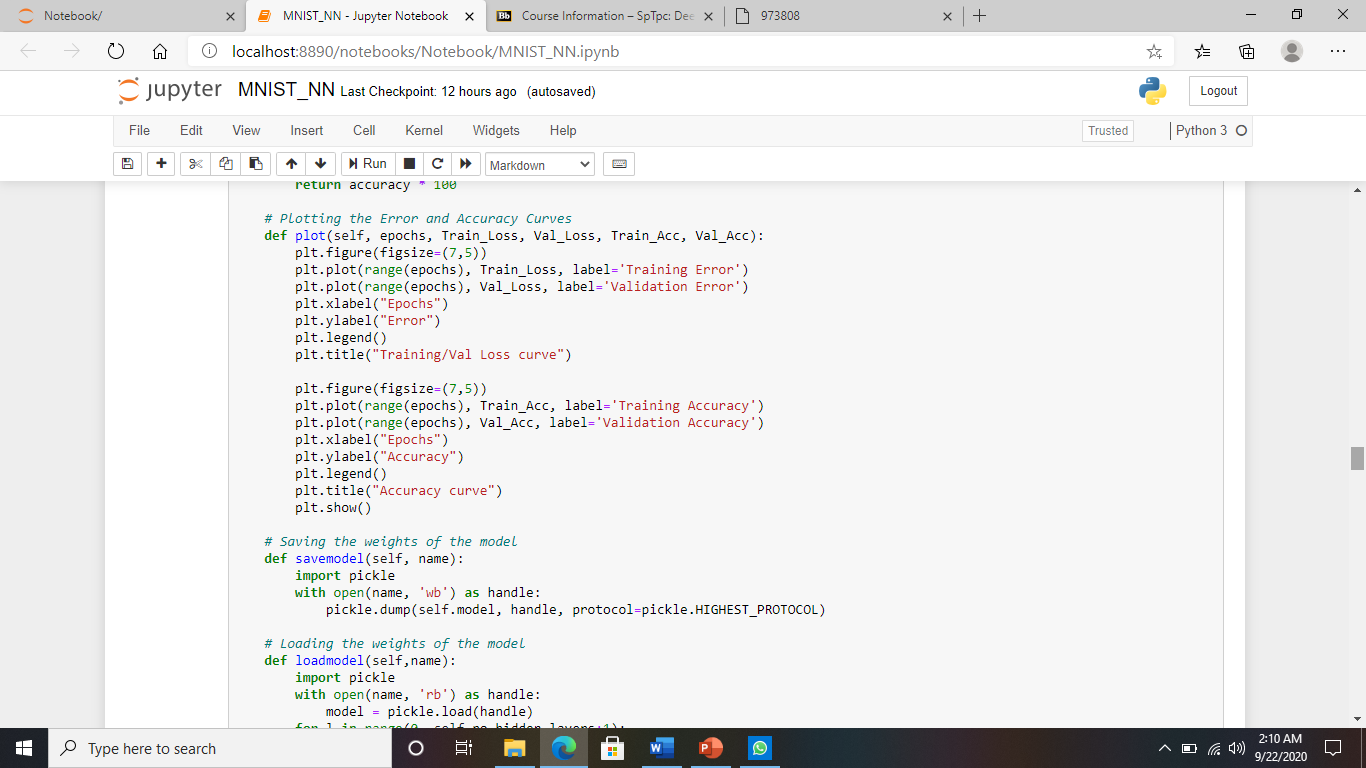


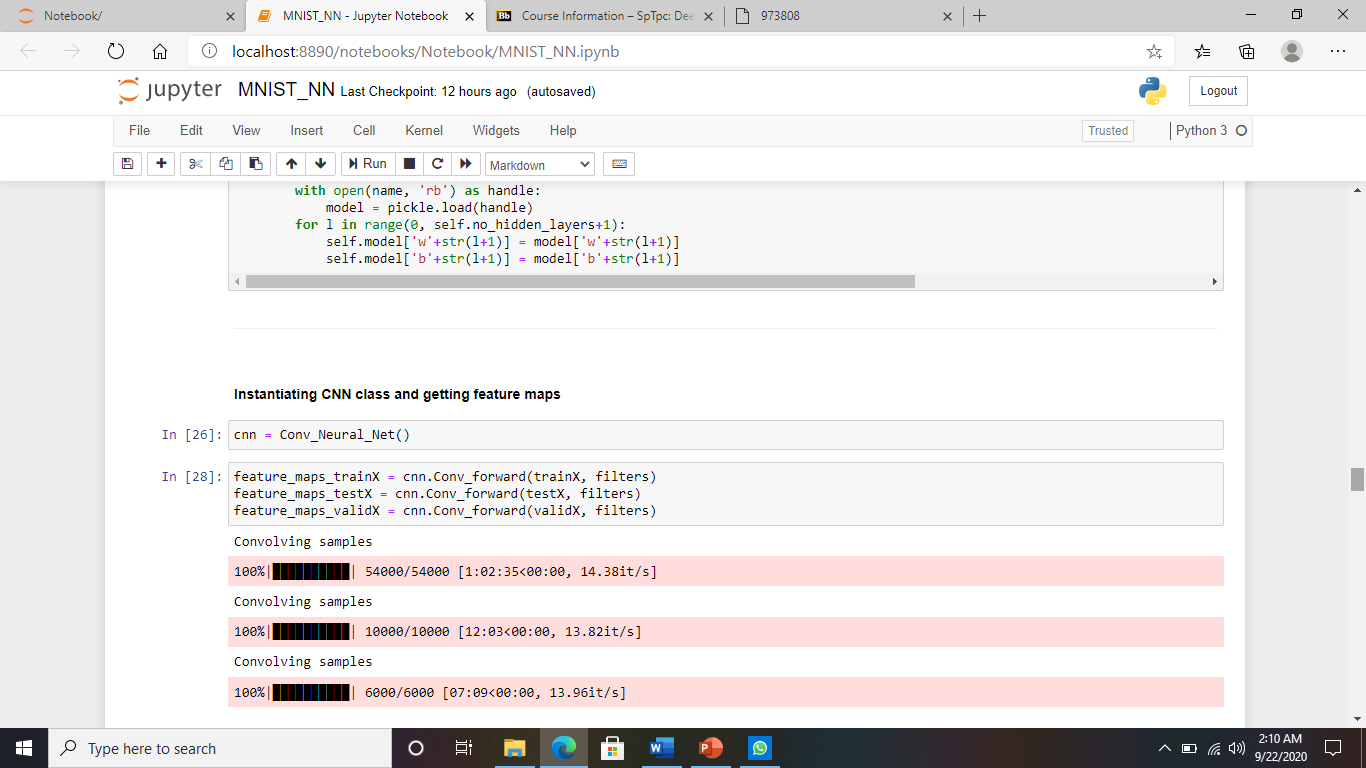


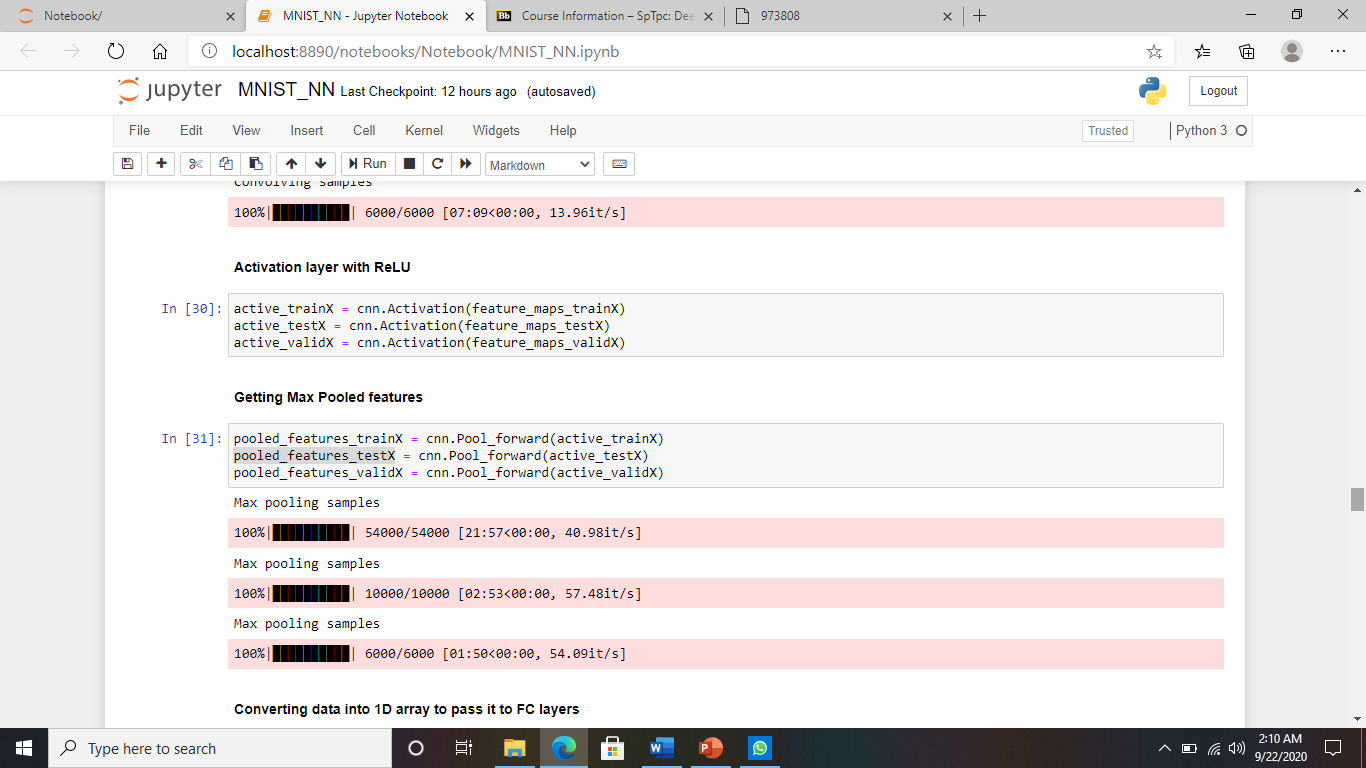


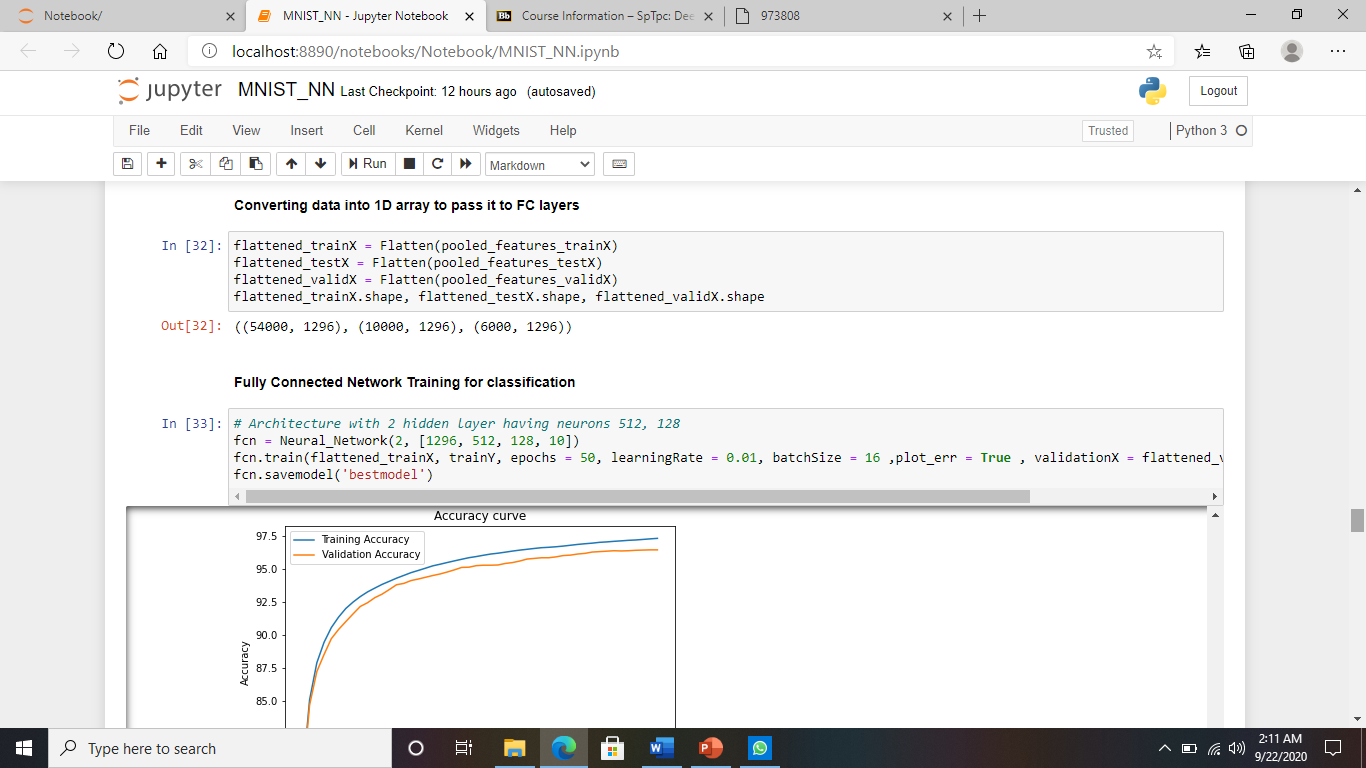


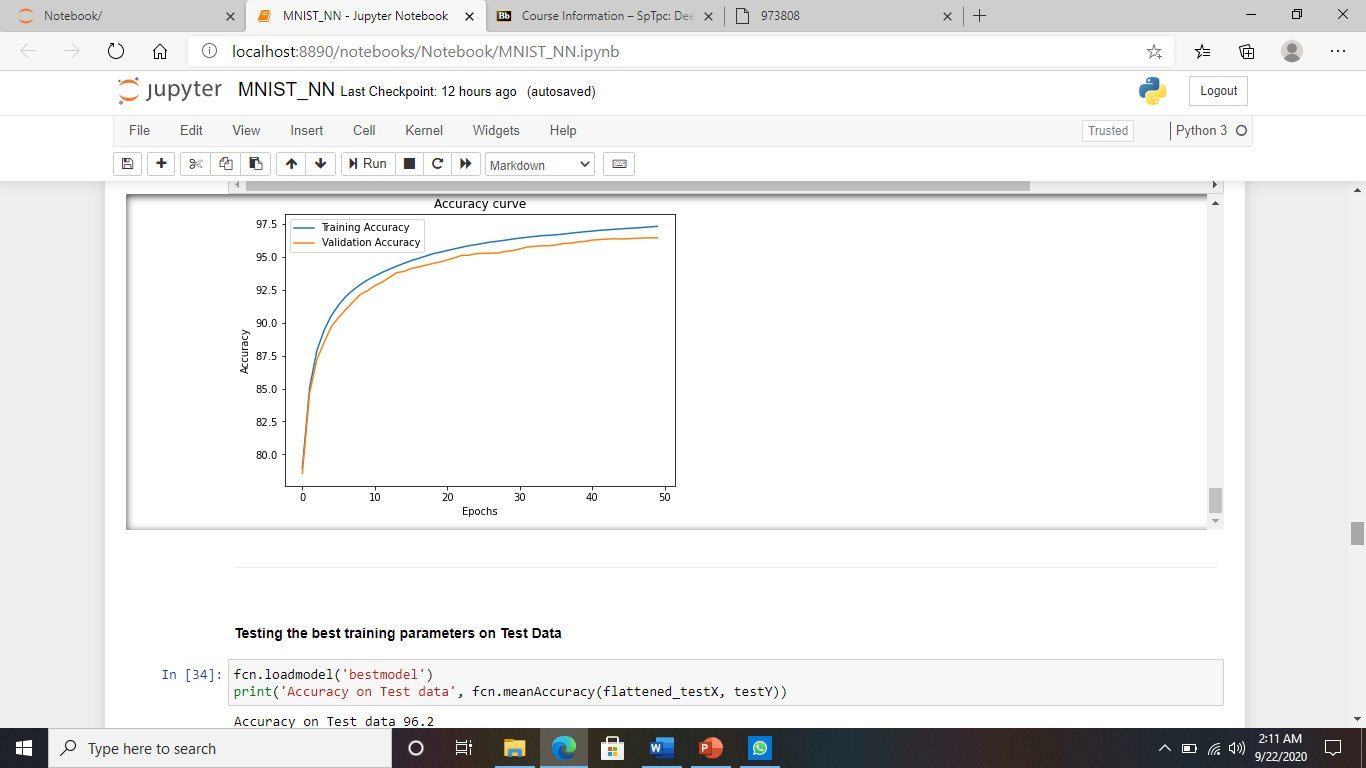


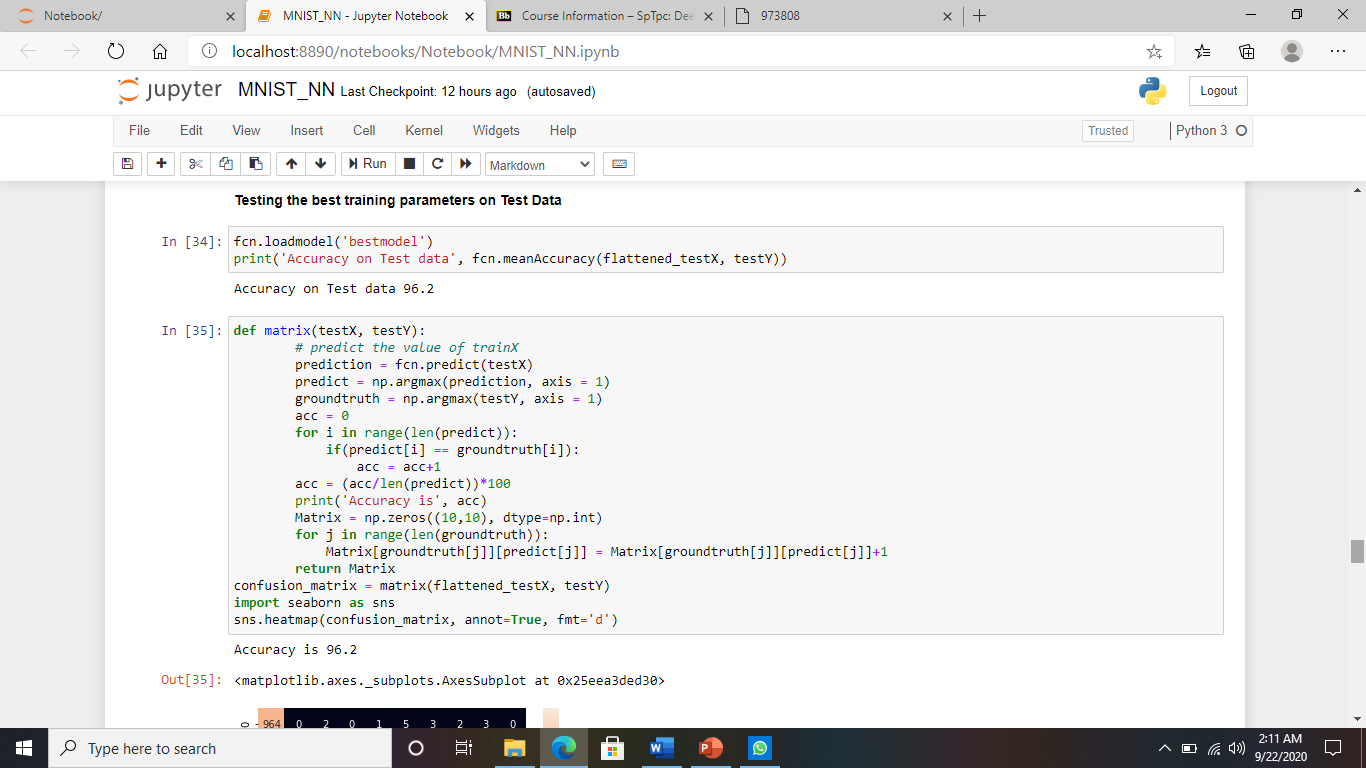


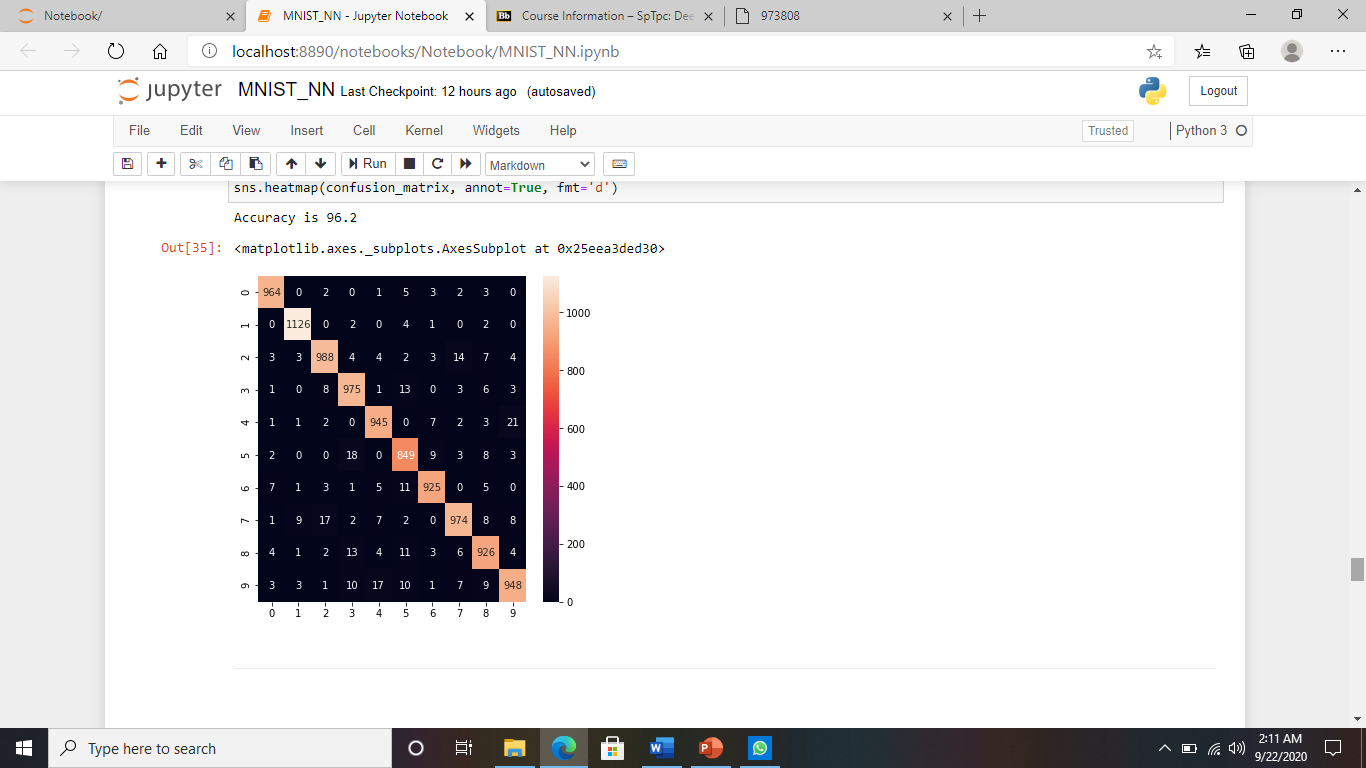


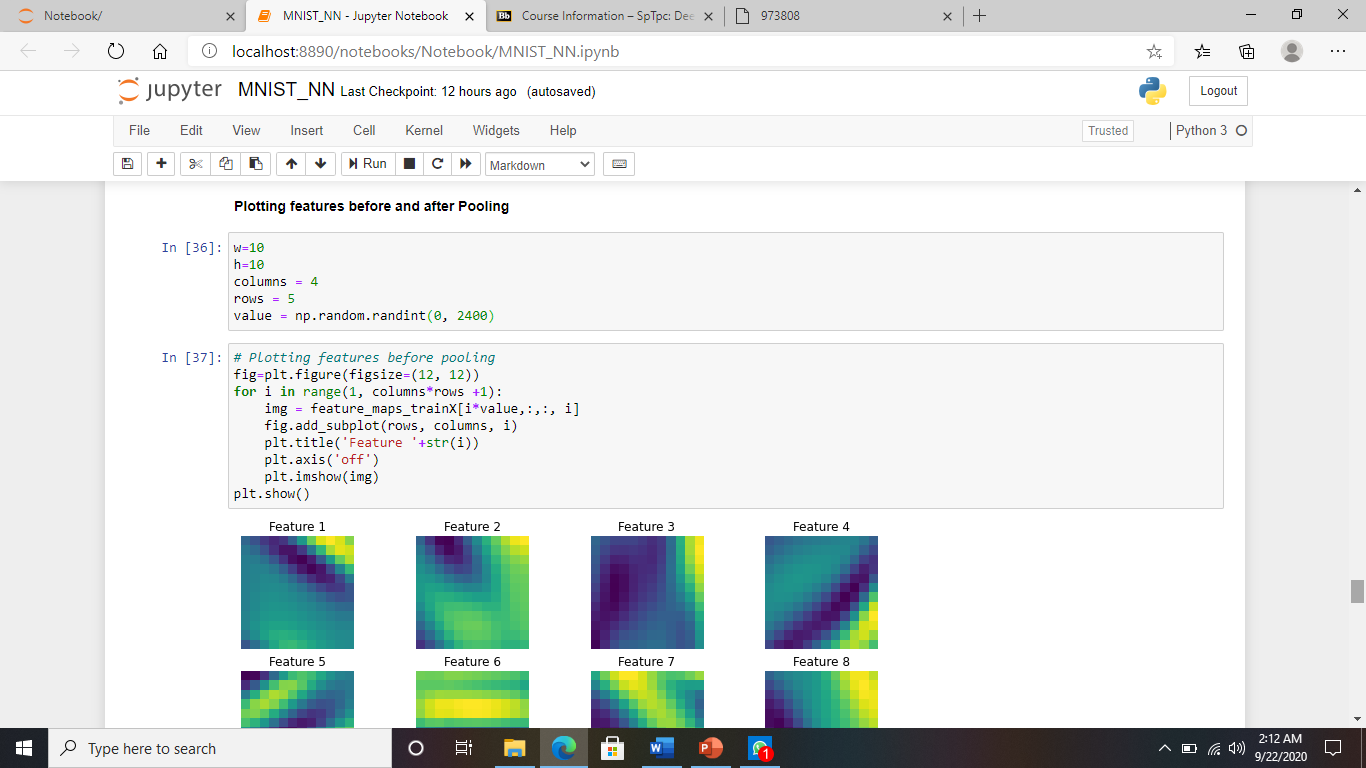


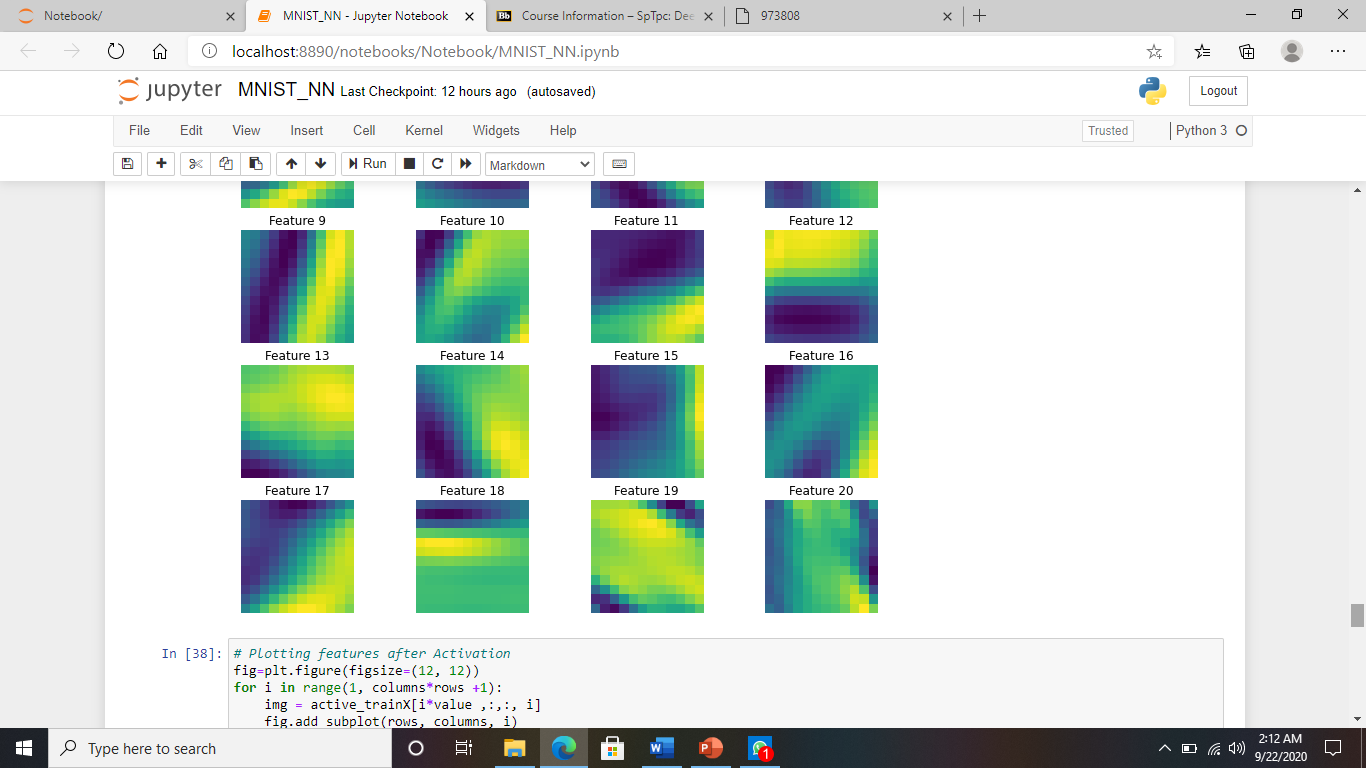


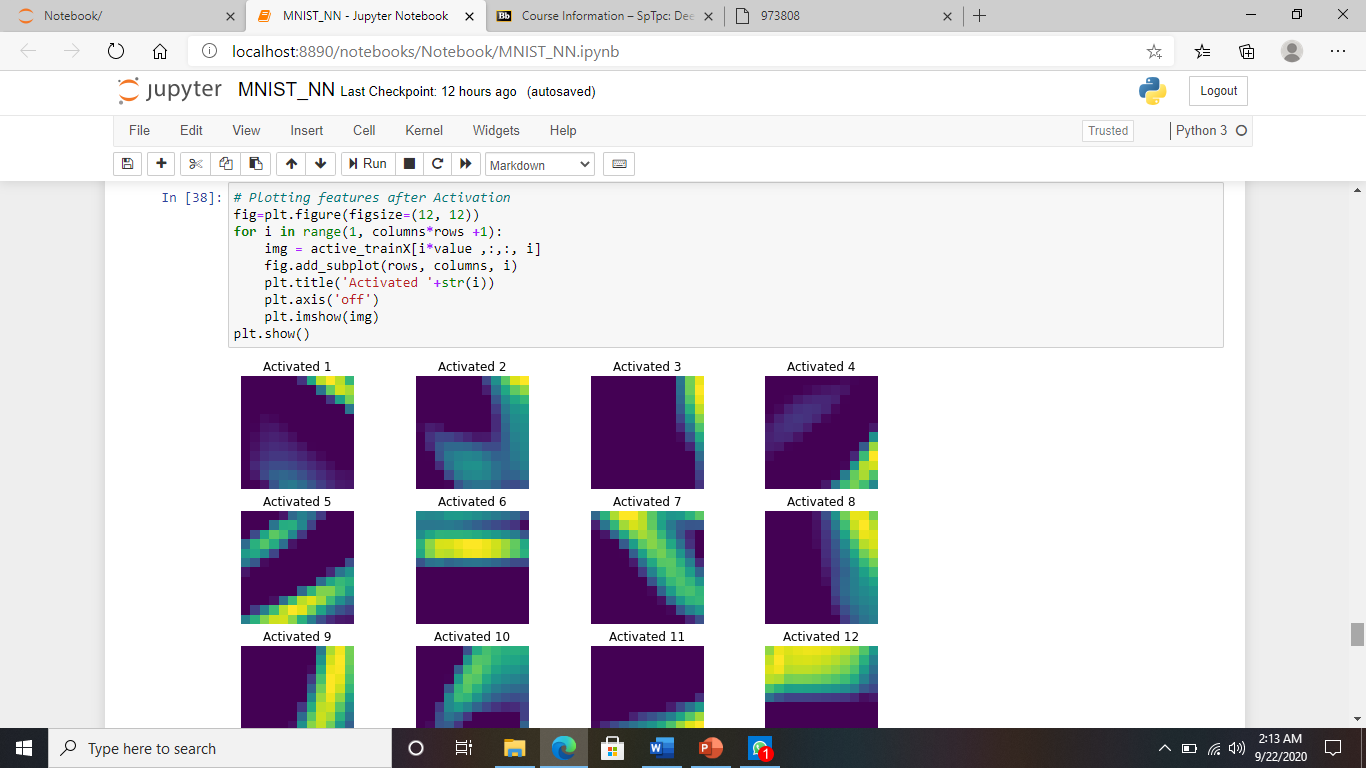


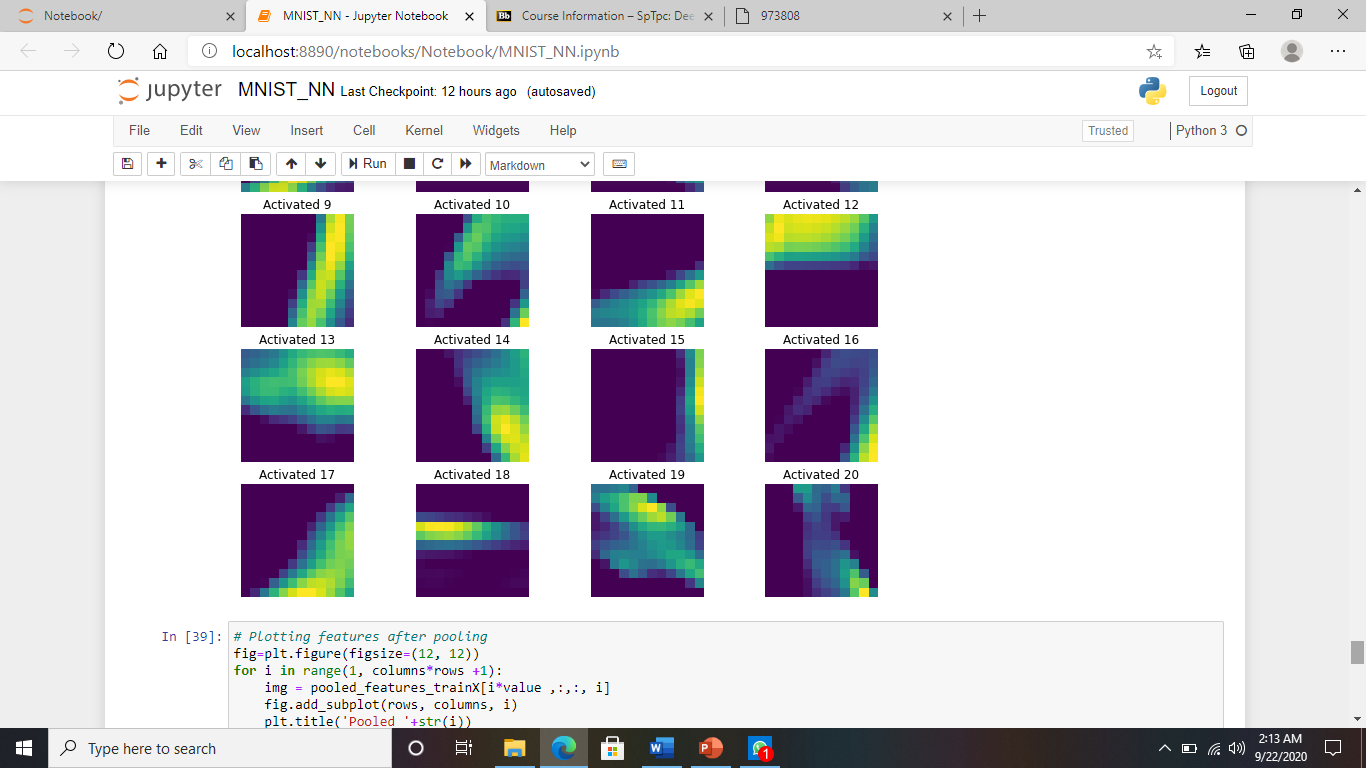


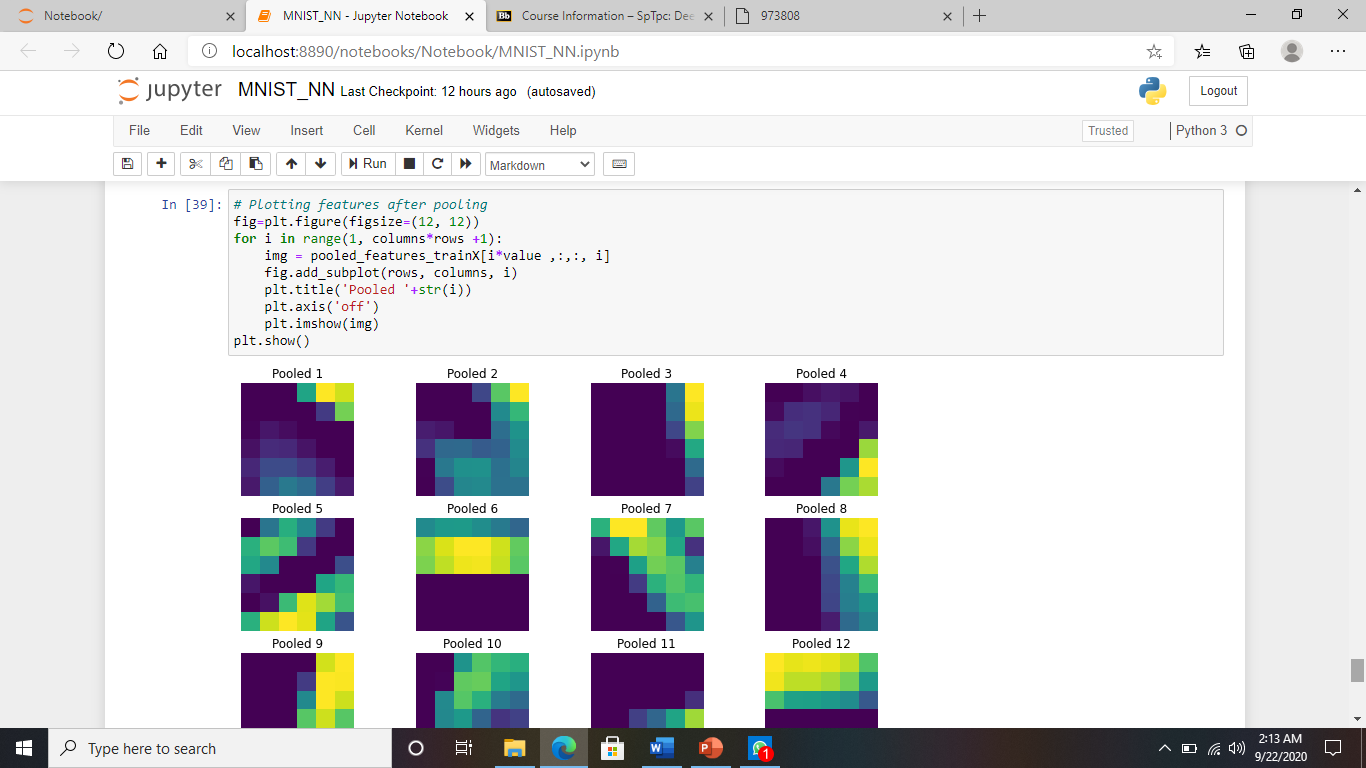


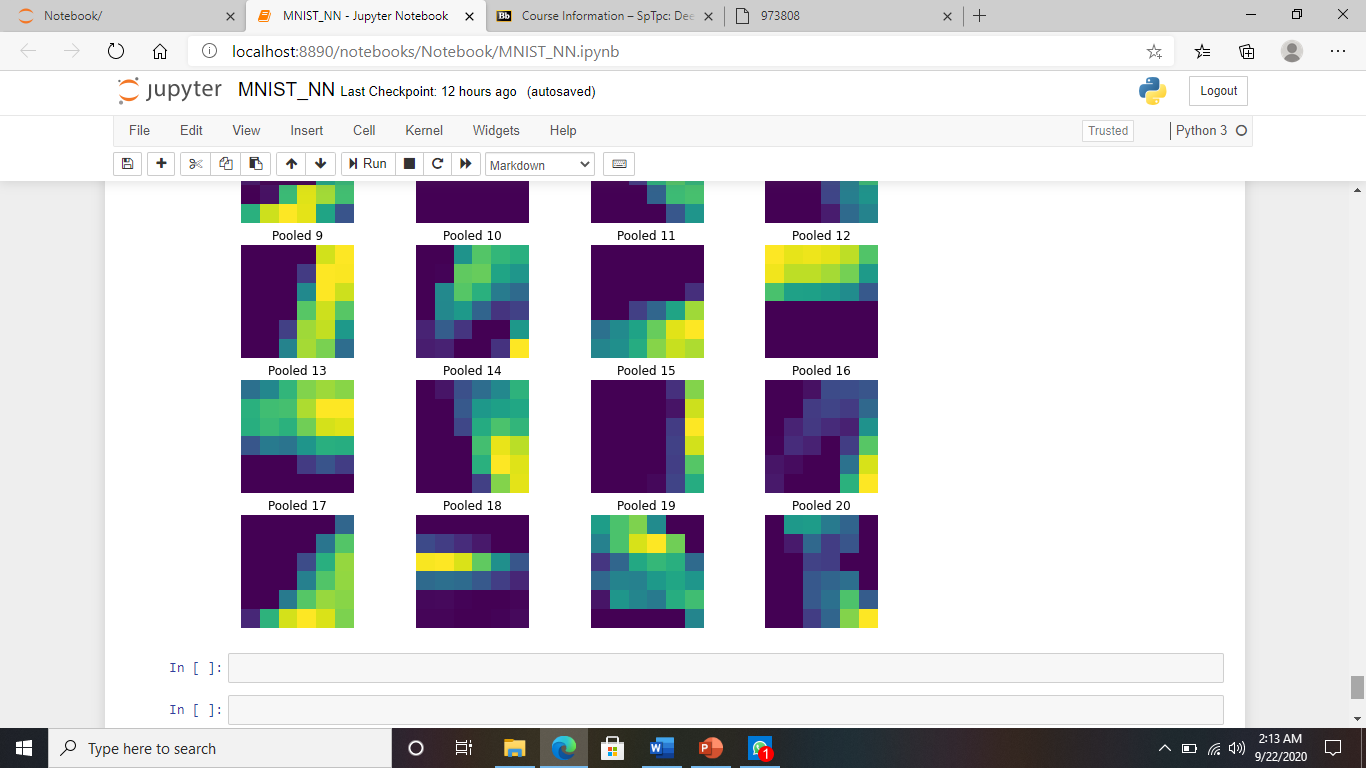












**Dropbox link:**

**For code and training data**

**https://www.dropbox.com/sh/jss1djdqwljruza/AACpnMDc2QoBI5njQSh-XOXOa?dl=0**

**References:**

1. http://www.wildml.com/2015/09/implementing-a-neural-network-from-scratch/
2. https://www.kdnuggets.com/2019/11/build-artificial-neural-network-scratch-part-1.html
3. http://github.com/heerad/cs231n/blob/master/assignment2/