1. Explain convolutional neural network, and how does it work?

2. How does refactoring parts of your neural network definition favor you?

3. What does it mean to flatten? Is it necessary to include it in the MNIST CNN? What is the reason for this?

4. What exactly does NCHW stand for?

5. Why are there 7\*7\*(1168-16) multiplications in the MNIST CNN's third layer?

6.Explain definition of receptive field?

7. What is the scale of an activation's receptive field after two stride-2 convolutions? What is the reason for this?

8. What is the tensor representation of a color image?

9. How does a color input interact with a convolution?