1. we recommend installing Jupyter Notebook using the conda package manager (Anaconda3 may be better than Anaconda2 for our code), which will install notebook, python, and other useful toolkits (such as, numpy and matplotlib) simultaneously. Detailed instructions can be found in https://docs.anaconda.com/anaconda/install/.

2. Open Jupyter Notebook (e.g., for windows: start->Anaconda3->Jupyter Notebook) and load the file question.ipynb. Note that, it is convenient if the files (fc*.weight.npy, fc*.bias.npy, X_test.npy and Y_test.npy) are in the same path as question.ipynb. Of course, you can change the file path in the provided codes to load the data and the parameters. For more information about how to run Python in Jupyter Notebook, please refer to https://docs.anaconda.com/anaconda/user-guide/getting-started/ and https://jupyter.readthedocs.io/en/latest/running.html.

3. .ipynb files contain texts and codes, which are all organized into cells. To run a cell with codes, please click the "Run" button in the top of the page (or [Ctrl+Enter]). Note that, the code cells should be run in order for our file, and all the code cells should be executed once (some of them are not fully realized, and you should fill your implantation between "### YOUR CODE HERE" and "### END YOUR CODE". Sometimes you can change the input/output names of some functions to suit your specific needs). The provided text cells are also useful, which contain code descriptions, questions that need you to answer, and some useful hints.

4. If you properly answer all the questions, you will get the image of an adversarial example; and the test accuracy can be seen after running the last code cell. Then, you can save the question.ipynb file (with your answers and experimental results) in PDF version (File->Print Preview->[CTRL+P]->Destination: save as PDF->Save). We will give your score based on the your PDF.

5. If you have installed and are familiar with vscode, you can edit and run the .ipynb files by downloading the Jupyter Notebook and Python in the extension.