Readme:

This assignment is made by Group – 32.
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Link of Dataset: UCI Machine Learning Repository: Optical Recognition of Handwritten Digits Data Set

- We have attached the dataset, provided to us, then also if you download it from the above-mentioned link. There are two dataset files "optdigits.tra" and "optdigits.tes" for training and testing respectively.
- We have used following libraries to complete our assignment:
  - pandas
  - NumPy
  - matplotlib
  - random
  - pytorch
  - sklearn

- Complete code is provided in the form of ipynb jupyter notebook file as well as html file. Therefore, to access our code there are 2 ways:
  - Open Html File, and view complete code
  - Open jupyter notebook on your browser. For this, your system should have environment that supports jupyter notebook. If you have the environment that support jupyter notebook, then first navigate to the folder/directory having ORHD.ipynb file. And then Run it in the browser.