**Assignment 1 Explanation**  
import numpy as np

import tensorflow as tf

print(tf.\_\_version\_\_)

from keras import datasets

(train\_images, train\_labels), (test\_images, test\_labels) = datasets.mnist.load\_data()

train\_images.shape

test\_images.shape

!pip3 install torch torchvision torchaudio --extra-index-url <https://download.pytorch.org/whl/cu115>

import torch

import torch.nn as nn

print(torch.\_\_version\_\_)

torch.cuda.is\_available()