This project is written in python3 using pytorch.

In order to run the program it is recommended to run the HW1.py file on the terminal with python3 command. It is expected that the system has the following packages pre-installed: torch, torchvision and matplotlib for visualization.

The 2 lines:

optimizer = torch.optim.SGD(model.parameters(), lr=lr)

optimizer = torch.optim.SGD(model.parameters(), lr=lr, momentum=True)

represent the same Stochastic Gradient Descent method with and without momentum.

The second line has been commented out. Please run the file once with the first line commented and the second time with the second line commented to get all values.