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source code:
import math
import numpy as np
from loop import loop
def zero_pad_arr(img, zero_pad):...
def conv_layer(img, filt, numFilt, zero_pad, stride):...
def max_pool(input, l, w, zero_pad, stride):...
def avg_pool(input, l, w, zero_pad, stride):...
    def reLU(img):...
    def get_mean(row):...
    def std_dev(row):...
def BN_layer(img, channels, weights, biases):...
    def flatten_layer(img):...
def fc_layer(arr, W, W_0):...
    def softmax(img):...
    def main():...
if __name__ == '__main__':
```

