ReadMe

Main command

When using this code in command line

According to your requirements

1. Convolution_withpading_matrixmult

./output convolution_withpadding_matrixmult padsize matrix1.txt matrix1_numrows matrix2.txt matrix2_numrows

2. Convolution_withoutpading_matrixmult

./output convolution_withoutpadding_matrixmult 0 matrix1.txt matrix1_numrows matrix2.txt matrix2_numrows

3. Convolution_withpading_withoutmatrixmult

./output convolution_withpadding_withoutmatrixmult padsize matrix1.txt matrix1_numrows matrix2.txt matrix2_numrows

4. Convolution_withoutpading_withoutmatrixmult

./output convolution_withoutpadding_withoutmatrixmult 0 matrix1.txt matrix1_numrows matrix2.txt matrix2_numrows

5. Rectangular_unit

./output Rectangular_unit 0 matrix1.txt matrix1_numrows

6. tan_hyperbolic

./output tan_hyperbolic 0 matrix1.txt matrix1_numrows

7. Max_pool

./output Max_pool 0 matrix1.txt matrix1_numrows

8. Avg_pool

./output Avg_pool 0 matrix1.txt matrix1_numrows

10. Sigmoid

./output vector_sigmoid vector_v.txt

11. Softmax

./output vector_softmax vector_v.txt