```
1 C:\Users\apeach\anaconda3\python.exe C:/Users
  /apeach/Desktop/@@@/skku/Deep_Learning_Model.
  ру
2 Channel: 0
               Loss: 8.6947720774333e-06
3 Channel: 1
               Loss: 1.0130227565241512e-05
               Loss: 8.65006495587295e-06
4 Channel: 2
               Loss: 1.143406279879855e-05
5 Channel: 3
6 Channel: 4
               Loss:
                      1.0403412488813046e-05
7 Channel: 5
               Loss: 7.89260502642719e-06
               Loss: 9.549100468575489e-06
8 Channel: 6
 9 Channel: 7
               Loss: 9.946459613274783e-06
10 Channel: 8
               Loss: 9.325583050667774e-06
11 Channel : 9
               Loss: 8.627724128018599e-06
12 Channel : 10
               Loss: 1.1292507224425208e-05
13 Channel : 11
               Loss: 7.76345950725954e-06
14 Channel : 12
               Loss: 1.0629406460793689e-05
15 Channel : 13
               Loss: 1.0681538697099313e-05
                Loss: 1.1528416507644579e-05
16 Channel : 14
17 Channel : 15
                Loss: 1.0574766747595277e-05
18 Channel : 16
                Loss: 9.437335393158719e-06
19 Channel : 17
               Loss: 9.591306479705963e-06
20 Channel : 18
               Loss: 1.2355395483609755e-05
                Loss: 1.015506586554693e-05
21 Channel : 19
               Loss: 1.1448956684034783e-05
22 Channel : 20
23 Channel : 21
               Loss: 8.615298611402977e-06
24 Accuracy of 1 Data: 0.2951388955116272
               Loss: 9.986176337406505e-06
25 Channel: 0
26 Channel: 1
               Loss: 1.0065657988889143e-05
27 Channel : 2
               Loss: 8.240277566073928e-06
28 Channel: 3
               Loss: 8.2676051533781e-06
29 Channel : 4
               Loss:
                      1.0706397915782873e-05
               Loss: 1.0905084309342783e-05
30 Channel: 5
               Loss: 7.736143743386492e-06
31 Channel : 6
32 Channel : 7
               Loss: 8.357007573067676e-06
               Loss: 8.853719918988645e-06
33 Channel: 8
```

```
Loss: 8.597918167652097e-06
  Channel: 9
35 Channel : 10
                Loss: 1.0415828000986949e-05
36 Channel:
            11
                Loss:
                       1.036115918395808e-05
37 Channel:
                Loss: 6.596219009225024e-06
            12
            13
                Loss: 9.186474017042201e-06
38 Channel:
                Loss: 9.290795787819661e-06
39 Channel:
            14
40 Channel:
            15
                Loss: 8.322246685565915e-06
41 Channel:
            16
                Loss: 9.268463145417627e-06
                Loss: 9.35539083002368e-06
42 Channel : 17
                Loss: 8.719602192286402e-06
43 Channel : 18
                Loss: 8.714633622730616e-06
44 Channel : 19
45 Channel: 20
                Loss: 7.646736776223406e-06
                Loss: 8.553214684070554e-06
46 Channel : 21
47 Accuracy of 2 Data : 0.2604166567325592
48 Channel: 0
               Loss: 9.693129868537653e-06
               Loss: 8.0267054727301e-06
49 Channel : 1
50 Channel:
                      1.002591488941107e-05
            2
               Loss:
               Loss: 9.556530130794272e-06
51 Channel:
            3
52 Channel:
                      1.170224913948914e-05
            4
               Loss:
               Loss: 7.0606292865704745e-06
53 Channel:
            5
               Loss: 9.303227670898195e-06
54 Channel:
            6
55 Channel : 7
               Loss: 8.429024092038162e-06
               Loss: 6.991094778641127e-06
56 Channel: 8
57 Channel:
               Loss: 1.012025950331008e-05
            9
                Loss: 7.991947313712444e-06
58 Channel:
            10
59 Channel: 11
                Loss: 9.69809389061993e-06
                Loss: 6.4223700064758305e-06
            12
60 Channel:
            13
                Loss: 8.270088983408641e-06
61 Channel:
62 Channel:
            14
                       1.0438165190862492e-05
                Loss:
63 Channel:
            15
                       1.1312365131743718e-05
                Loss:
                Loss: 7.286622349056415e-06
            16
64 Channel:
65 Channel:
            17
                Loss: 7.544912932644365e-06
66 Channel : 18
                       5.848682121722959e-06
                Loss:
67 Channel:
            19
                       1.0376080354035366e-05
                Loss:
68 Channel:
            20
                Loss: 8.674901437188964e-06
```

```
Loss: 9.179039807349909e-06
69 Channel : 21
70 Accuracy of 3 Data : 0.2881944477558136
71 Channel: 0
                Loss: 1.1468834600236733e-05
72 Channel:
             1
                Loss: 7.887637366366107e-06
73 Channel:
                Loss: 9.300741112383548e-06
             2
                Loss: 8.67242670210544e-06
             3
74 Channel:
                Loss: 8.175727089110296e-06
75 Channel:
             4
76 Channel:
                Loss: 9.849602975009475e-06
             5
77 Channel: 6
                Loss: 8.461324796371628e-06
78 Channel : 7
                Loss: 8.34956063044956e-06
                Loss: 9.886844964057673e-06
79 Channel : 8
80 Channel:
                Loss: 9.94892525341129e-06
             9
81 Channel:
                 Loss: 1.0204735190200154e-05
             10
                 Loss: 8.379372047784273e-06
82 Channel:
             11
83 Channel:
             12
                 Loss: 6.7328060140425805e-06
             13
                 Loss: 1.0078064406116027e-05
84 Channel:
85 Channel:
                 Loss: 9.929050975188147e-06
             14
                 Loss: 8.791611435299274e-06
86 Channel : 15
                 Loss: 8.545765012968332e-06
87 Channel:
             16
                 Loss: 8.426553904428147e-06
88 Channel:
             17
89 Channel:
             18
                        7.043246569082839e-06
                 Loss:
                 Loss: 1.0092954653373454e-05
90 Channel : 19
91 Channel:
             20
                 Loss: 7.736138286418281e-06
92 Channel: 21
                 Loss: 6.3751831476110965e-06
93 Accuracy of 4 Data : 0.3125
94 Channel: 0
                Loss: 7.219570761662908e-06
                Loss: 1.1774307495215908e-05
95 Channel:
             1
                Loss: 1.0646795999491587e-05
96 Channel:
             2
97 Channel:
             3
                Loss: 7.783328328514472e-06
98 Channel:
                       1.2062359928677324e-05
             4
                Loss:
99 Channel:
                Loss: 8.90339015313657e-06
             5
100 Channel:
             6
                Loss: 9.874424904410262e-06
                Loss: 1.1240353160246741e-05
101 Channel : 7
102 Channel : 8
                       1.3184874660510104e-05
                Loss:
103 Channel : 9
                Loss: 8.965471351984888e-06
```

```
Loss: 9.777575542102568e-06
104 Channel:
             10
                 Loss: 9.603731996321585e-06
105 Channel:
             11
106 Channel:
             12
                 Loss:
                        1.0507718798180576e-05
                 Loss: 8.697252269485034e-06
107 Channel:
             13
                 Loss: 9.93155572359683e-06
108 Channel:
             14
                 Loss: 1.018984130496392e-05
109 Channel:
             15
110 Channel:
                 Loss:
             16
                        1.0517647751839831e-05
111 Channel:
             17
                        1.147624061559327e-05
                 Loss:
112 Channel:
                        1.0634365025907755e-05
             18
                 Loss:
                 Loss: 1.165012872661464e-05
113 Channel:
             19
114 Channel : 20
                 Loss: 8.925736437959131e-06
115 Channel : 21
                 Loss: 1.0952266165986657e-05
116 Accuracy of 5 Data : 0.28125
               Loss: 1.008304207061883e-05
117 Channel : 0
118 Channel:
                Loss: 1.3396012036537286e-05
             1
                Loss: 1.552167123008985e-05
119 Channel : 2
120 Channel:
             3
                       1.2221326869621407e-05
                Loss:
                Loss: 9.633525223762263e-06
121 Channel:
             4
                Loss: 8.749412700126413e-06
122 Channel:
             5
                Loss: 1.1205312148376834e-05
123 Channel:
             6
                Loss: 9.618631338526029e-06
124 Channel:
             7
                Loss: 1.0167486834689043e-05
125 Channel : 8
126 Channel : 9
                Loss: 9.248582500731573e-06
127 Channel:
             10
                 Loss: 9.38268203753978e-06
128 Channel:
             11
                 Loss: 1.207974855788052e-05
129 Channel:
             12
                 Loss: 8.262637493317015e-06
130 Channel:
                 Loss: 8.471245564578567e-06
             13
                 Loss: 1.0815660061780363e-05
131 Channel:
             14
132 Channel:
             15
                 Loss:
                        1.0895139894273598e-05
133 Channel:
                        7.269240541063482e-06
             16
                 Loss:
134 Channel:
                 Loss: 8.888479896995705e-06
             17
135 Channel:
             18
                 Loss: 8.712134331290144e-06
136 Channel:
             19
                 Loss:
                        1.1987872312602121e-05
                 Loss: 8.195594091375824e-06
137 Channel:
             20
                 Loss: 8.595435247116257e-06
138 Channel : 21
```

```
139 Accuracy of 6 Data : 0.2847222089767456
                Loss: 7.0283463173836935e-06
140 Channel : 0
141 Channel:
             1
                Loss:
                       8.299897672259249e-06
142 Channel:
             2
                Loss: 9.454653081775177e-06
143 Channel:
                Loss: 1.0681549611035734e-05
             3
144 Channel:
                Loss: 9.218772902386263e-06
             4
                Loss: 8.44394071464194e-06
145 Channel:
              5
146 Channel:
                Loss: 8.826392331684474e-06
             6
147 Channel:
                Loss: 8.612820238340646e-06
             7
148 Channel : 8
                Loss: 9.534190212434623e-06
                Loss: 8.930707735999022e-06
149 Channel : 9
150 Channel:
                 Loss: 1.0420775652164593e-05
             10
                 Loss: 7.805679160810541e-06
151 Channel:
             11
152 Channel:
                 Loss: 7.428192930092337e-06
             12
153 Channel:
             13
                 Loss: 7.192255452537211e-06
154 Channel:
             14
                 Loss:
                        7.917440598248504e-06
155 Channel:
                        7.2617858677404e-06
             15
                 Loss:
                 Loss: 8.37439984024968e-06
156 Channel:
             16
                 Loss: 9.43981376622105e-06
157 Channel:
             17
158 Channel:
             18
                 Loss: 8.06395837571472e-06
159 Channel:
             19
                 Loss: 9.375239642395172e-06
                 Loss: 7.944747267174534e-06
160 Channel: 20
161 Channel : 21
                 Loss: 8.645087291370146e-06
162 Accuracy of 7 Data: 0.2881944477558136
                Loss: 9.752719051903114e-06
163 Channel : 0
164 Channel:
                Loss: 9.012586815515533e-06
             1
165 Channel:
             2
                Loss: 7.584636477986351e-06
166 Channel:
             3
                Loss: 1.0147602552024182e-05
167 Channel:
                Loss: 8.26512768981047e-06
             4
168 Channel:
              5
                Loss: 9.539153325022198e-06
169 Channel:
                Loss: 1.3075412425678223e-05
             6
170 Channel:
             7
                Loss: 8.347079528903123e-06
171 Channel : 8
                Loss: 8.041602086450439e-06
172 Channel : 9
                Loss: 1.0927400580840185e-05
                Loss: 6.690586360491579e-06
173 Channel : 10
```

```
Loss: 7.969597390911076e-06
174 Channel:
             11
175 Channel:
             12
                 Loss: 9.049900654645171e-06
176 Channel:
             13
                 Loss: 9.044938451552298e-06
                 Loss: 9.712987775856163e-06
177 Channel:
             14
178 Channel:
                 Loss: 9.857052646111697e-06
             15
179 Channel:
             16
                 Loss: 7.989450750756077e-06
180 Channel:
             17
                 Loss: 9.46217460295884e-06
181 Channel:
             18
                 Loss: 8.473733942082617e-06
182 Channel:
                 Loss: 1.2077261089871172e-05
             19
183 Channel: 20
                 Loss: 9.16165481612552e-06
184 Channel : 21
                 Loss: 8.806525329418946e-06
185 Accuracy of 8 Data : 0.3263888955116272
186 Channel: 0
                Loss: 1.3343821592570748e-05
187 Channel:
                Loss: 9.375224180985242e-06
             1
             2
188 Channel:
                Loss: 1.1493630154291168e-05
             3
                Loss: 1.9425724531174637e-05
189 Channel:
190 Channel:
                       1.3356275303522125e-05
             4
                Loss:
                Loss: 1.1478760825411882e-05
191 Channel:
             5
192 Channel:
                       1.200773476739414e-05
             6
                Loss:
                Loss: 1.0440660844324157e-05
193 Channel:
             7
194 Channel:
                Loss: 9.61365094553912e-06
             8
                Loss: 1.1583061677811202e-05
195 Channel:
             9
             10
                Loss: 1.0693962394725531e-05
196 Channel:
197 Channel:
                 Loss: 1.0728760571510065e-05
             11
198 Channel:
             12
                 Loss:
                        1.4044156159798149e-05
199 Channel:
                        1.108637388824718e-05
             13
                 Loss:
                 Loss: 1.1702283700287808e-05
200 Channel:
             14
201 Channel:
             15
                 Loss:
                        1.2953926670888904e-05
202 Channel:
             16
                 Loss:
                        1.0830568498931825e-05
203 Channel:
                        1.2993675227335189e-05
             17
                 Loss:
204 Channel:
             18
                        1.099449218600057e-05
                 Loss:
205 Channel:
             19
                 Loss:
                        1.549206172057893e-05
206 Channel : 20
                 Loss:
                        1.5109550986380782e-05
207 Channel : 21
                        1.2151779628766235e-05
                 Loss:
208 Accuracy of 9 Data : 0.2673611044883728
```