```
1 C:\Users\apeach\anaconda3\python.exe C:\Users
  2 Epoch: 0 Loss: 1.6943632364273071
3 Epoch: 100 Loss: 0.1961694359779358
4 Epoch: 200 Loss: 0.14879919588565826
5 Epoch: 300 Loss: 0.08048000186681747
6 Epoch: 400 Loss: 0.10548568516969681
7 Epoch: 499 Loss: 0.19504328072071075
8 Accuracy : 0.5104166865348816
9 Epoch: 0 Loss: 1.5525909662246704
10 Epoch: 100 Loss: 0.38927173614501953
11 Epoch: 200 Loss: 0.2814870774745941
12 Epoch: 300 Loss: 0.16549228131771088
13 Epoch: 400 Loss: 0.36043277382850647
14 Epoch: 499 Loss: 0.22023136913776398
15 Accuracy : 0.2881944477558136
16 Epoch: 0 Loss: 1.6007498502731323
17 Epoch: 100 Loss: 0.28885146975517273
18 Epoch: 200 Loss: 0.23941749334335327
19 Epoch: 300 Loss: 0.1140308603644371
20 Epoch: 400 Loss: 0.37016499042510986
21 Epoch: 499 Loss: 0.0643935278058052
22 Accuracy : 0.6388888955116272
23 Epoch: 0 Loss: 1.4828020334243774
24 Epoch: 100 Loss: 0.4646179676055908
25 Epoch: 200 Loss: 0.1429511457681656
26 Epoch: 300 Loss: 0.2885027229785919
27 Epoch: 400 Loss: 0.2644346356391907
28 Epoch: 499 Loss: 0.10869567841291428
29 Accuracy : 0.3263888955116272
30 Epoch: 0 Loss: 1.4901293516159058
31 Epoch : 100
              Loss: 0.25112441182136536
32 Epoch: 200 Loss: 0.4930231273174286
33 Epoch: 300 Loss: 0.35460352897644043
34 Epoch: 400 Loss: 0.09457454085350037
```

```
35 Epoch: 499 Loss: 0.11901155859231949
36 Accuracy : 0.2326388955116272
37 Epoch: 0 Loss: 1.6363272666931152
38 Epoch: 100 Loss: 0.4063994586467743
39 Epoch: 200 Loss: 0.33552566170692444
40 Epoch: 300 Loss: 0.2666237950325012
41 Epoch: 400 Loss: 0.08793145418167114
42 Epoch: 499 Loss: 0.326754093170166
43 Accuracy : 0.2604166567325592
44 Epoch: 0 Loss: 1.518837332725525
45 Epoch: 100 Loss: 0.32918819785118103
46 Epoch: 200 Loss: 0.3666839301586151
47 Epoch: 300 Loss: 0.07988529652357101
48 Epoch: 400 Loss: 0.1361997276544571
49 Epoch: 499 Loss: 0.0966360792517662
50 Accuracy : 0.3784722089767456
51 Epoch: 0 Loss: 1.5476741790771484
52 Epoch: 100 Loss: 0.32899442315101624
53 Epoch: 200 Loss: 0.3558448255062103
54 Epoch: 300 Loss: 0.23091639578342438
55 Epoch: 400 Loss: 0.05145265534520149
56 Epoch: 499 Loss: 0.08472105860710144
57 Accuracy : 0.444444477558136
58 Epoch: 0 Loss: 1.4651786088943481
59 Epoch: 100 Loss: 0.3860229551792145
60 Epoch: 200 Loss: 0.2074989229440689
61 Epoch: 300 Loss: 0.11397021263837814
62 Epoch: 400 Loss: 0.0887083113193512
63 Epoch: 499 Loss: 0.19850586354732513
64 Accuracy : 0.5347222089767456
65 Accuracy_average : 0.4016203284263611,
  learning rate : 0.005, nb_epoch : 500
66 51.74 Min
67
68 Process finished with exit code 0
```