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1 C:\Users\lcf14\AppData\Local\Programs\Python\Python311\
  python.exe C:\Users\lcf14\Desktop\CNN_Kuzushiji-49.py
2 2024-06-03 21:46:46.933029: I tensorflow/core/util/port.cc:113]
  oneDNN custom operations are on. You may see slightly different
  numerical results due to floating-point round-off errors from
  different computation orders. To turn them off, set the
  environment variable `TF_ENABLE_ONEDNN_OPTS=0`.
3 2024-06-03 21:46:47.725922: I tensorflow/core/util/port.cc:113]
  oneDNN custom operations are on. You may see slightly different
  numerical results due to floating-point round-off errors from
  different computation orders. To turn them off, set the
  environment variable `TF_ENABLE_ONEDNN_OPTS=0`.
4 EPOCH 1:
5 Validation accuracy: 91.174%
6 Test accuracy: 83.003%
7 EPOCH 2:
8 Validation accuracy: 94.281%
9 Test accuracy: 88.635%
10 EPOCH 3:
11 Validation accuracy: 94.909%
12 Test accuracy: 90.251%
13 EPOCH 4:
14 Validation accuracy: 95.641%
15 Test accuracy: 91.644%
16 EPOCH 5:
17 Validation accuracy: 96.230%
18 Test accuracy: 92.490%
19 EPOCH 6:
20 Validation accuracy: 96.359%
21 Test accuracy: 93.226%
22 EPOCH 7:
23 Validation accuracy: 96.458%
24 Test accuracy: 93.195%
25 EPOCH 8:
26 Validation accuracy: 96.574%
27 Test accuracy: 93.437%
28 EPOCH 9:
29 Validation accuracy: 96.635%
30 Test accuracy: 93.517%
31 EPOCH 10:
32 Validation accuracy: 96.833%

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33 Test accuracy: 93.987%
34 EPOCH 11:
35 Validation accuracy: 96.652%
36 Test accuracy: 93.730%
37 EPOCH 12:
38 Validation accuracy: 96.914%
39 Test accuracy: 94.256%
40 EPOCH 13:
41 Validation accuracy: 96.970%
42 Test accuracy: 94.355%
43 EPOCH 14:
44 Validation accuracy: 96.957%
45 Test accuracy: 94.295%
46 EPOCH 15:
47 Validation accuracy: 97.005%
48 Test accuracy: 94.474%
49 EPOCH 16:
50 Validation accuracy: 96.975%
51 Test accuracy: 94.303%
52 EPOCH 17:
53 Validation accuracy: 97.091%
54 Test accuracy: 94.363%
55 EPOCH 18:
56 Validation accuracy: 97.069%
57 Test accuracy: 94.422%
58 EPOCH 19:
59 Validation accuracy: 97.048%
60 Test accuracy: 94.441%
61 EPOCH 20:
62 Validation accuracy: 97.005%
63 Test accuracy: 94.529%
64 Complete!
65
66 进程已结束, 退出代码为 0
67
```