```
Epoch 1/600
18/18 [==============================] - 7s 236ms/step - loss: 1.0051 - accuracy: 0.5045 -
val_loss: 0.6937 - val_accuracy: 0.5000
Epoch 2/600
18/18 [==============================] - 4s 207ms/step - loss: 0.6938 - accuracy: 0.5000 -
val_loss: 0.6888 - val_accuracy: 0.5000
Epoch 3/600
18/18 [==============================] - 4s 204ms/step - loss: 0.6850 - accuracy: 0.5000 -
val_loss: 0.6751 - val_accuracy: 0.5000
Epoch 4/600
18/18 [==============================] - 4s 211ms/step - loss: 0.6604 - accuracy: 0.5753 -
val_loss: 0.6489 - val_accuracy: 0.5255
Epoch 5/600
18/18 [==============================] - 4s 216ms/step - loss: 0.6212 - accuracy: 0.6751 -
val_loss: 0.5254 - val_accuracy: 0.7774
Epoch 6/600
18/18 [==============================] - 4s 212ms/step - loss: 0.5372 - accuracy: 0.7414 -
val_loss: 0.4279 - val_accuracy: 0.8650
Epoch 7/600
18/18 [==============================] - 4s 226ms/step - loss: 0.4249 - accuracy: 0.8094 -
val_loss: 0.4978 - val_accuracy: 0.6861
Epoch 8/600
18/18 [==============================] - 4s 212ms/step - loss: 0.4084 - accuracy: 0.8140 -
val_loss: 0.2838 - val_accuracy: 0.9197
Epoch 9/600
18/18 [==============================] - 4s 215ms/step - loss: 0.3231 - accuracy: 0.8539 -
val_loss: 0.2470 - val_accuracy: 0.9453
Epoch 10/600
18/18 [==============================] - 4s 216ms/step - loss: 0.2770 - accuracy: 0.8775 -
val_loss: 0.2057 - val_accuracy: 0.9453
Epoch 11/600
18/18 [==============================] - 4s 207ms/step - loss: 0.2672 - accuracy: 0.8784 -
val_loss: 0.1540 - val_accuracy: 0.9526
Epoch 12/600
18/18 [==============================] - 4s 204ms/step - loss: 0.2445 - accuracy: 0.8857 -
val_loss: 0.1578 - val_accuracy: 0.9562
Epoch 13/600
18/18 [==============================] - 4s 224ms/step - loss: 0.2521 - accuracy: 0.8829 -
val_loss: 0.1560 - val_accuracy: 0.9562
Epoch 14/600
18/18 [==============================] - 4s 213ms/step - loss: 0.2303 - accuracy: 0.8929 -
val_loss: 0.1993 - val_accuracy: 0.9234
Epoch 15/600
18/18 [==============================] - 4s 211ms/step - loss: 0.2709 - accuracy: 0.8766 -
val_loss: 0.2007 - val_accuracy: 0.9526
Epoch 16/600
18/18 [==============================] - 4s 218ms/step - loss: 0.2309 - accuracy: 0.8920 -
val_loss: 0.1366 - val_accuracy: 0.9416
Epoch 17/600
18/18 [==============================] - 4s 212ms/step - loss: 0.1820 - accuracy: 0.9138 -
val_loss: 0.1373 - val_accuracy: 0.9453
Epoch 18/600
18/18 [==============================] - 4s 215ms/step - loss: 0.1955 - accuracy: 0.9102 -
val_loss: 0.1437 - val_accuracy: 0.9416
Epoch 19/600
18/18 [==============================] - 4s 215ms/step - loss: 0.1778 - accuracy: 0.9165 -
val_loss: 0.1695 - val_accuracy: 0.9489
Epoch 20/600
18/18 [==============================] - 4s 235ms/step - loss: 0.1853 - accuracy: 0.8975 -
val_loss: 0.1258 - val_accuracy: 0.9416
Epoch 21/600
```

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18/18 [==============================] - 4s 211ms/step - loss: 0.1731 - accuracy: 0.9074 -
val_loss: 0.1429 - val_accuracy: 0.9416
Epoch 22/600
18/18 [==============================] - 4s 227ms/step - loss: 0.1656 - accuracy: 0.9201 -
val_loss: 0.1405 - val_accuracy: 0.9380
Epoch 23/600
18/18 [==============================] - 4s 217ms/step - loss: 0.1599 - accuracy: 0.9138 -
val_loss: 0.1217 - val_accuracy: 0.9453
Epoch 24/600
18/18 [==============================] - 4s 205ms/step - loss: 0.1527 - accuracy: 0.9156 -
val_loss: 0.1322 - val_accuracy: 0.9489
Epoch 25/600
18/18 [==============================] - 4s 207ms/step - loss: 0.1375 - accuracy: 0.9247 -
val_loss: 0.1328 - val_accuracy: 0.9416
Epoch 26/600
18/18 [==============================] - 4s 210ms/step - loss: 0.1487 - accuracy: 0.9192 -
val_loss: 0.1197 - val_accuracy: 0.9453
Epoch 27/600
18/18 [==============================] - 4s 209ms/step - loss: 0.1354 - accuracy: 0.9211 -
val_loss: 0.1474 - val_accuracy: 0.9562
Epoch 28/600
18/18 [==============================] - 4s 210ms/step - loss: 0.1292 - accuracy: 0.9265 -
val_loss: 0.1203 - val_accuracy: 0.9416
Epoch 29/600
18/18 [==============================] - 4s 207ms/step - loss: 0.1190 - accuracy: 0.9347 -
val_loss: 0.1255 - val_accuracy: 0.9489
Epoch 30/600
18/18 [==============================] - 4s 207ms/step - loss: 0.1238 - accuracy: 0.9365 -
val_loss: 0.1344 - val_accuracy: 0.9453
Epoch 31/600
18/18 [==============================] - 4s 225ms/step - loss: 0.1119 - accuracy: 0.9347 -
val_loss: 0.1457 - val_accuracy: 0.9526
Epoch 32/600
18/18 [==============================] - 4s 209ms/step - loss: 0.1255 - accuracy: 0.9183 -
val_loss: 0.1325 - val_accuracy: 0.9416
Epoch 33/600
18/18 [==============================] - 4s 214ms/step - loss: 0.1038 - accuracy: 0.9428 -
val_loss: 0.1482 - val_accuracy: 0.9526
Epoch 34/600
18/18 [==============================] - 4s 207ms/step - loss: 0.1045 - accuracy: 0.9419 -
val_loss: 0.1286 - val_accuracy: 0.9489
Epoch 35/600
18/18 [==============================] - 4s 210ms/step - loss: 0.1206 - accuracy: 0.9319 -
val_loss: 0.1324 - val_accuracy: 0.9416
Epoch 36/600
18/18 [==============================] - 4s 211ms/step - loss: 0.1098 - accuracy: 0.9283 -
val_loss: 0.1428 - val_accuracy: 0.9416
```