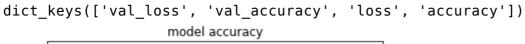
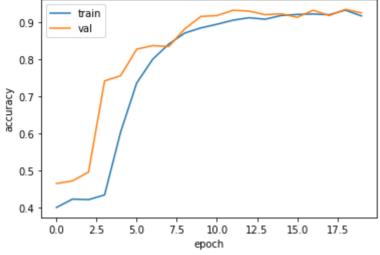
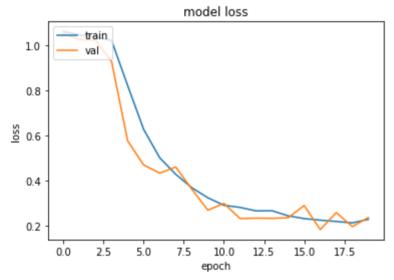
```
Epoch 1/20
                   :======] - 64s 473ms/step - loss: 1.0636 - accuracy: 0.3993 - val_loss: 1.0522 - val_accuracy: 0.4641
Epoch 00001: val_accuracy improved from -inf to 0.46411, saving model to /content/drive/My Drive/COVID/Vanshika/Models/simpleCNN_2.h5
136/136 [==
            Epoch 00002: val_accuracy improved from 0.46411 to 0.47129, saving model to /content/drive/My Drive/COVID/Vanshika/Models/simpleCNN_2.h5
136/136 [==
            Epoch 00003: val_accuracy improved from 0.47129 to 0.49522, saving model to /content/drive/My Drive/COVID/Vanshika/Models/simpleCNN_2.h5
136/136 [==
             :==========] - 59s 435ms/step - loss: 1.0240 - accuracy: 0.4334 - val_loss: 0.9285 - val_accuracy: 0.7416
Epoch 00004: val_accuracy improved from 0.49522 to 0.74163, saving model to /content/drive/My Drive/COVID/Vanshika/Models/simpleCNN_2.h5 Epoch 5/20
136/136 [===
           ============] - 58s 429ms/step - loss: 0.8221 - accuracy: 0.6037 - val loss: 0.5780 - val accuracy: 0.7560
Epoch 00005: val accuracy improved from 0.74163 to 0.75598, saving model to /content/drive/My Drive/COVID/Vanshika/Models/simpleCNN 2.h5
136/136 [==:
            :==========] - 59s 435ms/step - loss: 0.6268 - accuracy: 0.7360 - val loss: 0.4703 - val accuracy: 0.8278
Epoch 00006: val accuracy improved from 0.75598 to 0.82775, saving model to /content/drive/My Drive/COVID/Vanshika/Models/simpleCNN 2.h5
            136/136 [==:
Epoch 00007: val accuracy improved from 0.82775 to 0.83732, saving model to /content/drive/My Drive/COVID/Vanshika/Models/simpleCNN 2.h5
           136/136 [===
Epoch 00008: val_accuracy did not improve from 0.83732
           136/136 [===
Epoch 00009: val_accuracy improved from 0.83732 to 0.88278, saving model to /content/drive/My Drive/COVID/Vanshika/Models/simpleCNN_2.h5
136/136 [====
           Epoch 00010: val_accuracy improved from 0.88278 to 0.91627, saving model to /content/drive/My Drive/COVID/Vanshika/Models/simpleCNN_2.h5
            Epoch 00011: val_accuracy improved from 0.91627 to 0.91866, saving model to /content/drive/My Drive/COVID/Vanshika/Models/simpleCNN_2.h5
136/136 [===
          Epoch 00012: val_accuracy improved from 0.91866 to 0.93301, saving model to /content/drive/My Drive/COVID/Vanshika/Models/simpleCNN_2.h5
Epoch 13/20
136/136 [===
           Epoch 00013: val_accuracy did not improve from 0.93301
Epoch 14/20
136/136 [===
            :==========] - 59s 432ms/step - loss: 0.2662 - accuracy: 0.9087 - val_loss: 0.2340 - val_accuracy: 0.9211
Epoch 00014: val_accuracy did not improve from 0.93301
Epoch 15/20
136/136 [==:
           Epoch 00015: val_accuracy did not improve from 0.93301
136/136 [===
            Epoch 00016: val accuracy did not improve from 0.93301
136/136 [===
          :============================= ] - 60s 438ms/step - loss: 0.2244 - accuracy: 0.9230 - val loss: 0.1840 - val accuracy: 0.9330
Epoch 00017: val accuracy did not improve from 0.93301
136/136 [===
           Epoch 00018: val accuracy did not improve from 0.93301
               136/136 [===
Epoch 00019; val accuracy improved from 0.93301 to 0.93541, saving model to /content/drive/Mv Drive/COVID/Vanshika/Models/simpleCNN 2.h5
Epoch 20/20
136/136 [===
              Epoch 00020: val accuracy did not improve from 0.93541
```

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|                 | precision | recall | f1-score | support |
|-----------------|-----------|--------|----------|---------|
| COVED 10        | 0.01      | 0.07   | 0.04     | 21      |
| COVID-19        | 0.91      | 0.97   | 0.94     | 31      |
| Normal          | 0.88      | 0.98   | 0.93     | 193     |
| Viral Pneumonia | 0.98      | 0.87   | 0.92     | 194     |
|                 |           |        |          |         |
| accuracy        |           |        | 0.93     | 418     |
| macro avg       | 0.92      | 0.94   | 0.93     | 418     |
| weighted avg    | 0.93      | 0.93   | 0.93     | 418     |

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