```
 1 C:\Users\rahul\Desktop\FaceMask\Last\venv\Scripts\
   python.exe "C:\Program Files\JetBrains\PyCharm
   Community Edition 2020.3.1\plugins\python-ce\helpers\
   pydev\pydevconsole.py" --mode=client --port=52380
 2
 3 import sys; print('Python %s on %s' % (sys.version,
   sys.platform))
 4 sys.path.extend(['C:\\Users\\rahul\\Desktop\\FaceMask
   \\Last', 'C:/Users/rahul/Desktop/FaceMask/Last'])
 5
 6 PyDev console: starting.
 7
 8 Python 3.6.12 |Anaconda, Inc.| (default, Sep  9 2020
   , 00:29:25) [MSC v.1916 64 bit (AMD64)] on win32
 9 >>> runfile('C:/Users/rahul/Desktop/FaceMask/Last/
   train.py', wdir='C:/Users/rahul/Desktop/FaceMask/Last
   ')
10 2020-12-24 15:01:35.585025: W tensorflow/
   stream_executor/platform/default/dso_loader.cc:60]
   Could not load dynamic library 'cudart64_110.dll';
   dlerror: cudart64_110.dll not found
11 2020-12-24 15:01:35.585457: I tensorflow/
   stream_executor/cuda/cudart_stub.cc:29] Ignore above
   cudart dlerror if you do not have a GPU set up on
   your machine.
12 Backend TkAgg is interactive backend. Turning
   interactive mode on.
13 2020-12-24 15:01:38.783843: I tensorflow/compiler/jit
   /xla_cpu_device.cc:41] Not creating XLA devices,
   tf_xla_enable_xla_devices not set
14 2020-12-24 15:01:38.785140: I tensorflow/
   stream_executor/platform/default/dso_loader.cc:49]
   Successfully opened dynamic library nvcuda.dll
15 2020-12-24 15:01:39.150013: I tensorflow/core/
   common_runtime/gpu/gpu_device.cc:1720] Found device 0
    with properties:
16 pciBusID: 0000:01:00.0 name: GeForce MX110
   computeCapability: 5.0
17 coreClock: 1.006GHz coreCount: 2 deviceMemorySize: 2.
   00GiB deviceMemoryBandwidth: 37.33GiB/s
18 2020-12-24 15:01:39.151051: W tensorflow/
   stream_executor/platform/default/dso_loader.cc:60]
   Could not load dynamic library 'cudart64_110.dll';
   dlerror: cudart64_110.dll not found
```

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19  2020-12-24 15:01:39.151772: W tensorflow/
    stream_executor/platform/default/dso_loader.cc:60]
    Could not load dynamic library 'cublas64_11.dll';
    dlerror: cublas64_11.dll not found
20  2020-12-24 15:01:39.152467: W tensorflow/
    stream_executor/platform/default/dso_loader.cc:60]
    Could not load dynamic library 'cublasLt64_11.dll';
    dlerror: cublasLt64_11.dll not found
21  2020-12-24 15:01:39.153322: W tensorflow/
    stream_executor/platform/default/dso_loader.cc:60]
    Could not load dynamic library 'cufft64_10.dll';
    dlerror: cufft64_10.dll not found
22  2020-12-24 15:01:39.154777: W tensorflow/
    stream_executor/platform/default/dso_loader.cc:60]
    Could not load dynamic library 'curand64_10.dll';
    dlerror: curand64_10.dll not found
23  2020-12-24 15:01:39.156170: W tensorflow/
    stream_executor/platform/default/dso_loader.cc:60]
    Could not load dynamic library 'cusolver64_10.dll';
    dlerror: cusolver64_10.dll not found
24  2020-12-24 15:01:39.157146: W tensorflow/
    stream_executor/platform/default/dso_loader.cc:60]
    Could not load dynamic library 'cusparse64_11.dll';
    dlerror: cusparse64_11.dll not found
25  2020-12-24 15:01:39.157966: W tensorflow/
    stream_executor/platform/default/dso_loader.cc:60]
    Could not load dynamic library 'cudnn64_8.dll';
    dlerror: cudnn64_8.dll not found
26  2020-12-24 15:01:39.158263: W tensorflow/core/
    common_runtime/gpu/gpu_device.cc:1757] Cannot dlopen
    some GPU libraries. Please make sure the missing
    libraries mentioned above are installed properly if
    you would like to use GPU. Follow the guide at https
    ://www.tensorflow.org/install/gpu for how to download
     and setup the required libraries for your platform.
27  Skipping registering GPU devices...
28  2020-12-24 15:01:39.159285: I tensorflow/core/
    platform/cpu_feature_guard.cc:142] This TensorFlow
    binary is optimized with oneAPI Deep Neural Network
    Library (oneDNN) to use the following CPU
    instructions in performance-critical operations:
    AVX2
29  To enable them in other operations, rebuild
    TensorFlow with the appropriate compiler flags.
```

```
30 2020-12-24 15:01:39.160382: I tensorflow/core/
   common_runtime/gpu/gpu_device.cc:1261] Device
   interconnect StreamExecutor with strength 1 edge
   matrix:
31 2020-12-24 15:01:39.160686: I tensorflow/core/
   common_runtime/gpu/gpu_device.cc:1267]
32 2020-12-24 15:01:39.160837: I tensorflow/compiler/jit
   /xla_gpu_device.cc:99] Not creating XLA devices,
   tf_xla_enable_xla_devices not set
33 Found 2781 images belonging to 2 classes.
34 Found 1084 images belonging to 2 classes.
35 C:\Users\rahul\Desktop\FaceMask\Last\venv\lib\site-
   packages\tensorflow\python\keras\engine\training.py:
   1844: UserWarning: `Model.fit_generator` is
   deprecated and will be removed in a future version.
   Please use `Model.fit`, which supports generators.
36   warnings.warn('`Model.fit_generator` is deprecated
   and '
37 2020-12-24 15:01:39.797687: I tensorflow/compiler/
   mlir/mlir_graph_optimization_pass.cc:116] None of the
    MLIR optimization passes are enabled (registered 2)
38 Epoch 1/10
39 234/279 [==========================>.....] - ETA: 55s
    - loss: 0.6533 - acc: 0.8125C:\Users\rahul\Desktop\
   FaceMask\Last\venv\lib\site-packages\PIL\Image.py:952
   : UserWarning: Palette images with Transparency
   expressed in bytes should be converted to RGBA images
40   "Palette images with Transparency expressed in
   bytes should be "
41 279/279 [==============================] - 368s 1s/
   step - loss: 0.6404 - acc: 0.8197 - val_loss: 3.5128
    - val_acc: 0.5489
42 2020-12-24 15:07:48.746974: W tensorflow/python/util/
   util.cc:348] Sets are not currently considered
   sequences, but this may change in the future, so
   consider avoiding using them.
43 Epoch 2/10
44 156/279 [===============>..............] - ETA: 2:21
    - loss: 0.3775 - acc: 0.8942C:\Users\rahul\Desktop\
   FaceMask\Last\venv\lib\site-packages\PIL\Image.py:952
   : UserWarning: Palette images with Transparency
   expressed in bytes should be converted to RGBA images
45   "Palette images with Transparency expressed in
   bytes should be "
```

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46 279/279 [==============================] - 342s 1s/
   step - loss: 0.3717 - acc: 0.8936 - val_loss: 0.5379
    - val_acc: 0.7814
47 Epoch 3/10
48 229/279 [=========================>......] - ETA: 1:02
    - loss: 0.2653 - acc: 0.9086C:\Users\rahul\Desktop\
   FaceMask\Last\venv\lib\site-packages\PIL\Image.py:952
   : UserWarning: Palette images with Transparency
   expressed in bytes should be converted to RGBA images
49   "Palette images with Transparency expressed in
   bytes should be "
50 279/279 [==============================] - 370s 1s/
   step - loss: 0.2652 - acc: 0.9083 - val_loss: 0.4639
    - val_acc: 0.8358
51 Epoch 4/10
52 167/279 [==================>...........] - ETA: 2:45
    - loss: 0.2173 - acc: 0.9251C:\Users\rahul\Desktop\
   FaceMask\Last\venv\lib\site-packages\PIL\Image.py:952
   : UserWarning: Palette images with Transparency
   expressed in bytes should be converted to RGBA images
53   "Palette images with Transparency expressed in
   bytes should be "
54 279/279 [==============================] - 453s 2s/
   step - loss: 0.2301 - acc: 0.9194 - val_loss: 0.5353
    - val_acc: 0.7712
55 Epoch 5/10
56 126/279 [=============>................] - ETA: 3:37
    - loss: 0.2336 - acc: 0.9096C:\Users\rahul\Desktop\
   FaceMask\Last\venv\lib\site-packages\PIL\Image.py:952
   : UserWarning: Palette images with Transparency
   expressed in bytes should be converted to RGBA images
57   "Palette images with Transparency expressed in
   bytes should be "
58 279/279 [==============================] - 425s 2s/
   step - loss: 0.2288 - acc: 0.9134 - val_loss: 0.5599
    - val_acc: 0.7814
59 Epoch 6/10
60 250/279 [==========================>....] - ETA: 43s
    - loss: 0.2165 - acc: 0.9209C:\Users\rahul\Desktop\
   FaceMask\Last\venv\lib\site-packages\PIL\Image.py:952
   : UserWarning: Palette images with Transparency
   expressed in bytes should be converted to RGBA images
61   "Palette images with Transparency expressed in
   bytes should be "
```

```
62 279/279 [==============================] - 445s 2s/
   step - loss: 0.2156 - acc: 0.9209 - val_loss: 0.4580
   - val_acc: 0.8146
63 Epoch 7/10
64 210/279 [=====================>........] - ETA: 1:42
   - loss: 0.2077 - acc: 0.9214C:\Users\rahul\Desktop\
   FaceMask\Last\venv\lib\site-packages\PIL\Image.py:
   952: UserWarning: Palette images with Transparency
   expressed in bytes should be converted to RGBA
   images
65   "Palette images with Transparency expressed in
   bytes should be "
66 279/279 [==============================] - 416s 1s/
   step - loss: 0.2093 - acc: 0.9212 - val_loss: 0.5049
   - val_acc: 0.8072
67 Epoch 8/10
68 119/279 [===========>..................] - ETA: 3:04
   - loss: 0.2148 - acc: 0.9106C:\Users\rahul\Desktop\
   FaceMask\Last\venv\lib\site-packages\PIL\Image.py:
   952: UserWarning: Palette images with Transparency
   expressed in bytes should be converted to RGBA
   images
69   "Palette images with Transparency expressed in
   bytes should be "
70 279/279 [==============================] - 404s 1s/
   step - loss: 0.2102 - acc: 0.9190 - val_loss: 0.4278
   - val_acc: 0.8192
71 Epoch 9/10
72  99/279 [=========>....................] - ETA: 4:31
   - loss: 0.1810 - acc: 0.9300C:\Users\rahul\Desktop\
   FaceMask\Last\venv\lib\site-packages\PIL\Image.py:
   952: UserWarning: Palette images with Transparency
   expressed in bytes should be converted to RGBA
   images
73   "Palette images with Transparency expressed in
   bytes should be "
74 279/279 [==============================] - 401s 1s/
   step - loss: 0.1846 - acc: 0.9321 - val_loss: 0.5870
   - val_acc: 0.7703
75 Epoch 10/10
76  63/279 [=====>........................] - ETA: 4:34
   - loss: 0.1527 - acc: 0.9446C:\Users\rahul\Desktop\
   FaceMask\Last\venv\lib\site-packages\PIL\Image.py:
   952: UserWarning: Palette images with Transparency
```

```
76 expressed in bytes should be converted to RGBA
   images
77    "Palette images with Transparency expressed in
   bytes should be "
78 279/279 [=============================] - 434s 2s/
   step - loss: 0.1648 - acc: 0.9377 - val_loss: 0.5181
    - val_acc: 0.7970
79
```