In [16]:

```
ls
```

```
 Volume in drive C is Local disk :
 Volume Serial Number is EE22-D61B

 Directory of C:\Users\LonelyDinesh

11/03/2022  10:49 PM    <DIR>          .
07/30/2022  09:28 AM    <DIR>          ..
10/25/2022  01:24 PM             6,329 .bash_history
10/25/2022  12:29 AM               212 .gitconfig
11/03/2022  10:43 PM    <DIR>          .ipynb_checkpoints
11/03/2022  01:16 AM    <DIR>          .ipython
11/03/2022  03:35 AM    <DIR>          .jupyter
11/03/2022  01:12 AM    <DIR>          .keras
09/22/2022  11:10 PM                20 .lesshst
11/03/2022  01:06 AM    <DIR>          .matplotlib
11/03/2022  05:28 PM                 5 .node_repl_history
11/02/2022  09:06 PM    <DIR>          .node-red
11/03/2022  01:02 AM    <DIR>          .spyder-py3
09/30/2022  07:10 PM    <DIR>          .ssh
11/03/2022  12:57 AM    <DIR>          anaconda3
05/14/2022  09:14 PM    <DIR>          Contacts
08/14/2022  10:41 PM    <DIR>          Documents
09/21/2022  02:05 PM    <DIR>          Dropbox
09/18/2022  10:51 PM    <DIR>          Favorites
11/03/2022  01:16 AM       339,185,106 Fertilizers_Recommendation_ System_For_Disease_ Pr
ediction (2).zip
11/03/2022  06:18 PM         9,183,880 fruit.h5
11/03/2022  01:29 AM             2,951 ImagePreProcessing for Fruit and veg dataset.ipynb
09/18/2022  10:51 PM    <DIR>          Links
11/03/2022  08:23 PM            34,547 Model Building For Fruit Disease Prediction.ipynb
11/03/2022  03:49 AM           112,467 Model Building For Fruit Disease Prediction-Copy1.
ipynb
11/03/2022  04:15 AM           398,368 Model Building For Vegetable Disease Prediction.ip
ynb
08/12/2022  09:36 PM    <DIR>          Music
09/20/2022  09:20 PM    <DIR>          OneDrive
05/14/2022  09:14 PM    <DIR>          Saved Games
09/24/2022  08:15 PM    <DIR>          Searches
11/03/2022  10:49 PM             7,848 Tested For FruitData.ipynb
11/03/2022  01:28 AM             2,951 Untitled.ipynb
11/03/2022  04:21 AM            11,970 Untitled1.ipynb
11/03/2022  05:24 PM             6,898 Untitled2.ipynb
11/03/2022  05:29 PM               589 Untitled3.ipynb
11/03/2022  03:56 AM       152,619,128 vegetable.h5
08/12/2022  09:37 PM    <DIR>          Videos
              16 File(s)    501,573,269 bytes
              21 Dir(s)  205,544,116,224 bytes free
```

In [17]:

```
pwd
```

Out[17]:

```
'C:\\Users\\LonelyDinesh'
```

Image Augmentation

In [18]:

```
from tensorflow.keras.preprocessing.image import ImageDataGenerator
```

In [19]:

```
train_datagen = ImageDataGenerator(rescale=1./255,zoom_range=0.2,horizontal_flip=True)
test_datagen = ImageDataGenerator(rescale=1./255,)
```

In [20]:

```
x_train = train_datagen.flow_from_directory(r'E:\IBM\Fertilizers_Recommendation_ System_For_Disease_ Prediction\Dataset Plant Disease\fruit-dataset\fruit-dataset\train',target_size = (128,128),batch_size = 32, class_mode = 'categorical')
```

```
Found 5384 images belonging to 6 classes.
```

In [21]:

```
x_test = test_datagen.flow_from_directory(r'E:\IBM\Fertilizers_Recommendation_ System_For_Disease_ Prediction\Dataset Plant Disease\fruit-dataset\fruit-dataset\test',target_size = (128,128),batch_size = 32,class_mode = 'categorical')
```

```
Found 1686 images belonging to 6 classes.
```

In [22]:

```
x_train.class_indices
```

Out[22]:

```
{'Apple___Black_rot': 0,
 'Apple___healthy': 1,
 'Corn_(maize)___Northern_Leaf_Blight': 2,
 'Corn_(maize)___healthy': 3,
 'Peach___Bacterial_spot': 4,
 'Peach___healthy': 5}
```

CNN

In [23]:

```
from tensorflow.keras.models import Sequential
from tensorflow.keras.layers import Dense,Convolution2D,MaxPooling2D,Flatten
```

In [24]:

```
model=Sequential()
```

In [25]:

```
model.add(Convolution2D(32,(3,3),input_shape=(128,128,3),activation='relu'))
```

In [26]:

```
model.add(MaxPooling2D(pool_size=(2,2)))
```

In [27]:

```
model.add(Flatten())
```

In [28]:

```
model.summary()
```

```
Model: "sequential_1"
_________________________________________________________________
Layer (type)                 Output Shape              Param #
=================================================================
conv2d_1 (Conv2D)            (None, 126, 126, 32)      896
_________________________________________________________________
max_pooling2d_1 (MaxPooling2 (None, 63, 63, 32)        0
_________________________________________________________________
flatten_1 (Flatten)          (None, 127008)            0
=================================================================
```

```
Total params: 896
Trainable params: 896
Non-trainable params: 0
_________________________________________________________________
```

In [29]:

```
32*(3*3*3+1)
```

Out[29]:

```
896
```

Hidden Layers

In [30]:

```
model.add(Dense(6,activation='softmax'))
```

In [31]:

```
model.compile(loss='categorical_crossentropy',optimizer='adam',metrics=['accuracy'])
```

In [32]:

```
len(x_train)
```

Out[32]:

```
169
```

In [33]:

```
1238/24
```

Out[33]:

```
51.583333333333336
```

In [34]:

```
model.fit_generator(x_train,steps_per_epoch=len(x_train),validation_data=x_test,validatio
n_steps=len(x_test),epochs=10)
```

```
C:\Users\LonelyDinesh\anaconda3\lib\site-packages\tensorflow\python\keras\engine\training
.py:1940: UserWarning: `Model.fit_generator` is deprecated and will be removed in a futur
e version. Please use `Model.fit`, which supports generators.
  warnings.warn('`Model.fit_generator` is deprecated and '
```

```
Epoch 1/10
169/169 [==============================] - 104s 613ms/step - loss: 0.6426 - accuracy: 0.8
109 - val_loss: 0.2746 - val_accuracy: 0.9021
Epoch 2/10
169/169 [==============================] - 45s 266ms/step - loss: 0.2700 - accuracy: 0.91
07 - val_loss: 0.2094 - val_accuracy: 0.9318
Epoch 3/10
169/169 [==============================] - 45s 264ms/step - loss: 0.2044 - accuracy: 0.93
18 - val_loss: 0.2144 - val_accuracy: 0.9229
Epoch 4/10
169/169 [==============================] - 45s 266ms/step - loss: 0.1699 - accuracy: 0.94
11 - val_loss: 0.1526 - val_accuracy: 0.9484
Epoch 5/10
169/169 [==============================] - 48s 283ms/step - loss: 0.1602 - accuracy: 0.94
58 - val_loss: 0.1287 - val_accuracy: 0.9597
Epoch 6/10
169/169 [==============================] - 47s 275ms/step - loss: 0.1487 - accuracy: 0.94
82 - val_loss: 0.2674 - val_accuracy: 0.9116
Epoch 7/10
169/169 [==============================] - 45s 268ms/step - loss: 0.1323 - accuracy: 0.95
06 - val_loss: 0.1286 - val_accuracy: 0.9567
Epoch 8/10
```

```
169/169 [==============================] - 46s 273ms/step - loss: 0.1218 - accuracy: 0.95
99 - val_loss: 0.1374 - val_accuracy: 0.9531
Epoch 9/10
169/169 [==============================] - 46s 269ms/step - loss: 0.0931 - accuracy: 0.96
79 - val_loss: 0.1501 - val_accuracy: 0.9526
Epoch 10/10
169/169 [==============================] - 46s 271ms/step - loss: 0.0940 - accuracy: 0.96
92 - val_loss: 0.1437 - val_accuracy: 0.9543
```

Out[34]:

```
<tensorflow.python.keras.callbacks.History at 0x1ccb1959e80>
```

Training Model

In [35]:

```
ls
```

```
 Volume in drive C is Local disk :
 Volume Serial Number is EE22-D61B

 Directory of C:\Users\LonelyDinesh

11/04/2022  11:00 PM    <DIR>          .
07/30/2022  09:28 AM    <DIR>          ..
10/25/2022  01:24 PM             6,329 .bash_history
10/25/2022  12:29 AM               212 .gitconfig
11/03/2022  10:43 PM    <DIR>          .ipynb_checkpoints
11/03/2022  01:16 AM    <DIR>          .ipython
11/03/2022  03:35 AM    <DIR>          .jupyter
11/03/2022  01:12 AM    <DIR>          .keras
09/22/2022  11:10 PM                20 .lesshst
11/03/2022  01:06 AM    <DIR>          .matplotlib
11/03/2022  05:28 PM                 5 .node_repl_history
11/02/2022  09:06 PM    <DIR>          .node-red
11/03/2022  01:02 AM    <DIR>          .spyder-py3
09/30/2022  07:10 PM    <DIR>          .ssh
11/03/2022  12:57 AM    <DIR>          anaconda3
05/14/2022  09:14 PM    <DIR>          Contacts
08/14/2022  10:41 PM    <DIR>          Documents
09/21/2022  02:05 PM    <DIR>          Dropbox
09/18/2022  10:51 PM    <DIR>          Favorites
11/03/2022  01:16 AM       339,185,106 Fertilizers_Recommendation_ System_For_Disease_ Pr
ediction (2).zip
11/03/2022  06:18 PM         9,183,880 fruit.h5
11/03/2022  01:29 AM             2,951 ImagePreProcessing for Fruit and veg dataset.ipynb
09/18/2022  10:51 PM    <DIR>          Links
11/03/2022  08:23 PM            34,547 Model Building For Fruit Disease Prediction.ipynb
11/04/2022  11:00 PM           113,431 Model Building For Fruit Disease Prediction-Copy1.
ipynb
11/03/2022  04:15 AM           398,368 Model Building For Vegetable Disease Prediction.ip
ynb
08/12/2022  09:36 PM    <DIR>          Music
09/20/2022  09:20 PM    <DIR>          OneDrive
05/14/2022  09:14 PM    <DIR>          Saved Games
09/24/2022  08:15 PM    <DIR>          Searches
11/03/2022  10:49 PM             7,848 Tested For FruitData.ipynb
11/03/2022  01:28 AM             2,951 Untitled.ipynb
11/03/2022  04:21 AM            11,970 Untitled1.ipynb
11/03/2022  05:24 PM             6,898 Untitled2.ipynb
11/03/2022  05:29 PM               589 Untitled3.ipynb
11/03/2022  03:56 AM       152,619,128 vegetable.h5
08/12/2022  09:37 PM    <DIR>          Videos
              16 File(s)    501,574,233 bytes
              21 Dir(s)  204,685,606,912 bytes free
```

In [36]:

```
model.save('fruit.h5')
```

In [37]:

```
ls
```

```
 Volume in drive C is Local disk :
 Volume Serial Number is EE22-D61B

 Directory of C:\Users\LonelyDinesh

11/04/2022  11:00 PM    <DIR>          .
07/30/2022  09:28 AM    <DIR>          ..
10/25/2022  01:24 PM             6,329 .bash_history
10/25/2022  12:29 AM               212 .gitconfig
11/03/2022  10:43 PM    <DIR>          .ipynb_checkpoints
11/03/2022  01:16 AM    <DIR>          .ipython
11/03/2022  03:35 AM    <DIR>          .jupyter
11/03/2022  01:12 AM    <DIR>          .keras
09/22/2022  11:10 PM                20 .lesshst
11/03/2022  01:06 AM    <DIR>          .matplotlib
11/03/2022  05:28 PM                 5 .node_repl_history
11/02/2022  09:06 PM    <DIR>          .node-red
11/03/2022  01:02 AM    <DIR>          .spyder-py3
09/30/2022  07:10 PM    <DIR>          .ssh
11/03/2022  12:57 AM    <DIR>          anaconda3
05/14/2022  09:14 PM    <DIR>          Contacts
08/14/2022  10:41 PM    <DIR>          Documents
09/21/2022  02:05 PM    <DIR>          Dropbox
09/18/2022  10:51 PM    <DIR>          Favorites
11/03/2022  01:16 AM       339,185,106 Fertilizers_Recommendation_ System_For_Disease_ Pr
ediction (2).zip
11/04/2022  11:02 PM         9,183,880 fruit.h5
11/03/2022  01:29 AM             2,951 ImagePreProcessing for Fruit and veg dataset.ipynb
09/18/2022  10:51 PM    <DIR>          Links
11/03/2022  08:23 PM            34,547 Model Building For Fruit Disease Prediction.ipynb
11/04/2022  11:00 PM           113,431 Model Building For Fruit Disease Prediction-Copy1.
ipynb
11/03/2022  04:15 AM           398,368 Model Building For Vegetable Disease Prediction.ip
ynb
08/12/2022  09:36 PM    <DIR>          Music
09/20/2022  09:20 PM    <DIR>          OneDrive
05/14/2022  09:14 PM    <DIR>          Saved Games
09/24/2022  08:15 PM    <DIR>          Searches
11/03/2022  10:49 PM             7,848 Tested For FruitData.ipynb
11/03/2022  01:28 AM             2,951 Untitled.ipynb
11/03/2022  04:21 AM            11,970 Untitled1.ipynb
11/03/2022  05:24 PM             6,898 Untitled2.ipynb
11/03/2022  05:29 PM               589 Untitled3.ipynb
11/03/2022  03:56 AM       152,619,128 vegetable.h5
08/12/2022  09:37 PM    <DIR>          Videos
              16 File(s)    501,574,233 bytes
              21 Dir(s)  204,685,697,024 bytes free
```

Test the model

In [38]:

```
import numpy as np
from tensorflow.keras.models import load_model
from tensorflow.keras.preprocessing import image
```

In [39]:

```
model.save('fruit.h5')
```

In [40]:

```
img=image.load_img(r"E:\IBM\Fertilizers_Recommendation_ System_For_Disease_ Prediction\Da
taset Plant Disease\fruit-dataset\fruit-dataset\test\Apple___healthy\0adc1c5b-8958-47c0-a
152-f28078c214f1___RS_HL 7825.JPG",target_size=(128,128))
```

```
img
```

Out[40]:

In [41]:

```
img
```

Out[41]:

In [42]:

```
x=image.img_to_array(img)
```

In [43]:

```
x
```

Out[43]:

```
array([[[ 99.,  86., 106.],
        [101.,  88., 108.],
        [118., 105., 125.],
        ...,
        [ 92.,  83., 102.],
        [ 93.,  84., 103.],
        [ 89.,  80.,  99.]],

       [[ 96.,  83., 103.],
        [ 87.,  74.,  94.],
        [102.,  89., 109.],
        ...,
        [ 88.,  79.,  98.],
        [ 89.,  80.,  99.],
        [ 83.,  74.,  93.]],

       [[ 86.,  73.,  93.],
        [ 88.,  75.,  95.],
        [ 98.,  85., 105.],
        ...,
        [107.,  98., 117.],
        [ 96.,  87., 106.],
        [ 96.,  87., 106.]],

       ...,

       [[172., 175., 194.],
        [173., 176., 195.],
        [175., 178., 197.],
        ...,
        [179., 180., 198.],
        [184., 185., 203.],
        [179., 180., 198.]],

       [[172., 175., 194.],
        [170., 173., 192.],
```

```
        [173., 176., 195.],
        ...,
        [178., 179., 197.],
        [182., 183., 201.],
        [178., 179., 197.]],

       [[169., 172., 191.],
        [166., 169., 188.],
        [168., 171., 190.],
        ...,
        [187., 188., 206.],
        [185., 186., 204.],
        [186., 187., 205.]]], dtype=float32)
```

In [44]:

```
x=np.expand_dims(x,axis=0)
```

In [45]:

```
x
```

Out[45]:

```
array([[[[ 99.,  86., 106.],
         [101.,  88., 108.],
         [118., 105., 125.],
         ...,
         [ 92.,  83., 102.],
         [ 93.,  84., 103.],
         [ 89.,  80.,  99.]],

        [[ 96.,  83., 103.],
         [ 87.,  74.,  94.],
         [102.,  89., 109.],
         ...,
         [ 88.,  79.,  98.],
         [ 89.,  80.,  99.],
         [ 83.,  74.,  93.]],

        [[ 86.,  73.,  93.],
         [ 88.,  75.,  95.],
         [ 98.,  85., 105.],
         ...,
         [107.,  98., 117.],
         [ 96.,  87., 106.],
         [ 96.,  87., 106.]],

        ...,

        [[172., 175., 194.],
         [173., 176., 195.],
         [175., 178., 197.],
         ...,
         [179., 180., 198.],
         [184., 185., 203.],
         [179., 180., 198.]],

        [[172., 175., 194.],
         [170., 173., 192.],
         [173., 176., 195.],
         ...,
         [178., 179., 197.],
         [182., 183., 201.],
         [178., 179., 197.]],

        [[169., 172., 191.],
         [166., 169., 188.],
         [168., 171., 190.],
         ...,
         [187., 188., 206.],
         [185., 186., 204.],
```

```
        [186., 187., 205.]]]], dtype=float32)
```

In [51]:

```
y=np.argmax(model.predict(x),axis=1)
```

```
1/1 [==============================] - 0s 244ms/step
```

In [52]:

```
x_train.class_indices
```

Out[52]:

```
{'Apple___Black_rot': 0,
 'Apple___healthy': 1,
 'Corn_(maize)___Northern_Leaf_Blight': 2,
 'Corn_(maize)___healthy': 3,
 'Peach___Bacterial_spot': 4,
 'Peach___healthy': 5}
```

In [46]:

```
index=['Apple___Black_rot','Apple___healthy','Corn_(maize)___Northern_Leaf_Blight','Corn_
(maize)___healthy','Peach___Bacterial_spot','Peach___healthy']
```

In [47]:

```
img=image.load_img(r"E:\IBM\Fertilizers_Recommendation_ System_For_Disease_ Prediction\Da
taset Plant Disease\fruit-dataset\fruit-dataset\test\Peach___healthy\0a2ed402-5d23-4e8d-b
c98-b264aea9c3fb___Rutg._HL 2471.JPG",target_size=(128,128))
x=image.img_to_array(img)
x=np.expand_dims(x,axis=0)
y=np.argmax(model.predict(x),axis=1)
index=['Apple___Black_rot','Apple___healthy','Corn_(maize)___Northern_Leaf_Blight','Corn_
(maize)___healthy','Peach___Bacterial_spot','Peach___healthy']
index[y[0]]
```

Out[47]:

```
'Apple___healthy'
```

In [ ]:

```
# Predicting a Second Model Just For The Example
```

In [48]:

```
index[y[0]]
```

Out[48]:

```
'Apple___healthy'
```

In [50]:

```
img=image.load_img(r"E:\IBM\Fertilizers_Recommendation_ System_For_Disease_ Prediction\Da
taset Plant Disease\fruit-dataset\fruit-dataset\test\Peach___healthy\0a2ed402-5d23-4e8d-b
c98-b264aea9c3fb___Rutg._HL 2471.JPG",target_size=(128,128))
x=image.img_to_array(img)
x=np.expand_dims(x,axis=0)
y=np.argmax(model.predict(x),axis=1)
index=['Apple___Black_rot','Apple___healthy','Corn_(maize)___Northern_Leaf_Blight','Corn_
(maize)___healthy','Peach___Bacterial_spot','Peach___healthy']
index[y[0]]
```

Out[50]:

```
'Apple___healthy'
```

In [51]:

```
import os
```

```
from tensorflow.keras.models import load_model
from tensorflow.keras.preprocessing import image
from flask import Flask,render_template,request
```

In [ ]:

```
app=Flask(__name__)

model=load_model("fruit.h5")

@app.route('/')
def index():
    return render_template("index.html")

@app.route('/predict',methods=['GET','POST'])
def upload():
    if request.method=='POST':
        f=request.files['image']
        basepath=os.path.dirname('__file__')
        filepath=os.path.join(basepath,'uploads',f.filename)
        f.save(filepath)
        img=image.load_img(filepath,target_size=(128,128))
        x=image.img_to_array(img)
        x=np.expand_dims(x,axis=0)
        pred=np.argmax(model.predict(x),axis=1)
        index=['Apple___Black_rot','Apple___healthy','Corn_(maize)___Northern_Leaf_Bligh
t','Corn_(maize)___healthy','Peach___Bacterial_spot','Peach___healthy']
        text="The Classified Fruit disease is : " +str(index[pred[0]])
    return text
if __name__=='__main__':
    app.run(debug=False)
```

```
 * Serving Flask app "__main__" (lazy loading)
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: off
```

```
 * Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
[2022-11-04 23:11:43,231] ERROR in app: Exception on / [GET]
Traceback (most recent call last):
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\flask\app.py", line 2447, in ws
gi_app
    response = self.full_dispatch_request()
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\flask\app.py", line 1952, in fu
ll_dispatch_request
    rv = self.handle_user_exception(e)
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\flask\app.py", line 1821, in ha
ndle_user_exception
    reraise(exc_type, exc_value, tb)
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\flask\_compat.py", line 39, in
reraise
    raise value
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\flask\app.py", line 1950, in fu
ll_dispatch_request
    rv = self.dispatch_request()
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\flask\app.py", line 1936, in di
spatch_request
    return self.view_functions[rule.endpoint](**req.view_args)
  File "C:\Users\LonelyDinesh\AppData\Local\Temp\ipykernel_13064\945920450.py", line 7, i
n index
    return render_template("index.html")
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\flask\templating.py", line 138,
in render_template
    ctx.app.jinja_env.get_or_select_template(template_name_or_list),
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\jinja2\environment.py", line 93
0, in get_or_select_template
    return self.get_template(template_name_or_list, parent, globals)
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\jinja2\environment.py", line 88
3, in get_template
    return self._load_template(name, self.make_globals(globals))
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\jinja2\environment.py", line 85
```

```
7, in _load_template
    template = self.loader.load(self, name, globals)
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\jinja2\loaders.py", line 115, i
n load
    source, filename, uptodate = self.get_source(environment, name)
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\flask\templating.py", line 60,
in get_source
    return self._get_source_fast(environment, template)
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\flask\templating.py", line 89,
in _get_source_fast
    raise TemplateNotFound(template)
jinja2.exceptions.TemplateNotFound: index.html
127.0.0.1 - - [04/Nov/2022 23:11:43] "GET / HTTP/1.1" 500 -
127.0.0.1 - - [04/Nov/2022 23:11:43] "GET /favicon.ico HTTP/1.1" 404 -
[2022-11-04 23:12:10,421] ERROR in app: Exception on / [GET]
Traceback (most recent call last):
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\flask\app.py", line 2447, in ws
gi_app
    response = self.full_dispatch_request()
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\flask\app.py", line 1952, in fu
ll_dispatch_request
    rv = self.handle_user_exception(e)
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\flask\app.py", line 1821, in ha
ndle_user_exception
    reraise(exc_type, exc_value, tb)
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\flask\_compat.py", line 39, in
reraise
    raise value
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\flask\app.py", line 1950, in fu
ll_dispatch_request
    rv = self.dispatch_request()
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\flask\app.py", line 1936, in di
spatch_request
    return self.view_functions[rule.endpoint](**req.view_args)
  File "C:\Users\LonelyDinesh\AppData\Local\Temp\ipykernel_13064\945920450.py", line 7, i
n index
    return render_template("index.html")
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\flask\templating.py", line 138,
in render_template
    ctx.app.jinja_env.get_or_select_template(template_name_or_list),
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\jinja2\environment.py", line 93
0, in get_or_select_template
    return self.get_template(template_name_or_list, parent, globals)
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\jinja2\environment.py", line 88
3, in get_template
    return self._load_template(name, self.make_globals(globals))
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\jinja2\environment.py", line 85
7, in _load_template
    template = self.loader.load(self, name, globals)
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\jinja2\loaders.py", line 115, i
n load
    source, filename, uptodate = self.get_source(environment, name)
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\flask\templating.py", line 60,
in get_source
    return self._get_source_fast(environment, template)
  File "C:\Users\LonelyDinesh\anaconda3\lib\site-packages\flask\templating.py", line 89,
in _get_source_fast
    raise TemplateNotFound(template)
jinja2.exceptions.TemplateNotFound: index.html
127.0.0.1 - - [04/Nov/2022 23:12:10] "GET / HTTP/1.1" 500 -
```

In [ ]:

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