

C:\Users\dell\Desktop\Dataset Plant Disease\Flask

C:\Users\dell\Desktop\Dataset Plant Disease\Flask\app.py

app.py X

```
16     return render_template('home.html')
17 #prediction page
18 @app.route('/prediction')
19 def prediction():
20     return render_template('predict.html')
21 @app.route('/predict', methods=['POST'])
22 def predict():
23     if request.method=='POST':
24         f= request.files['image']
25         basepath =os.path.dirname(__file__)
26         file_path= os.path.join(
27             basepath, 'uploads', secure_filename(f.filename))
28         f.save(file_path)
29         img= image.load_img(file_path, target_size=(128,128))
30         x= image.img_to_array(img)
31         x=np.expand_dims(x,axis=0)
32         plant=request.form['plant']
33         print(plant)
34         if(plant=="vegetable"):
35             preds= model.predict(x)
36             preds=np.argmax(preds)
37             print(preds)
38             df=pd.read_excel('precautions - veg.xlsx')
39             print(df.iloc[preds]['caution'])
40         else:
41             preds= model1.predict(x)
42             preds=np.argmax(preds)
43             df=pd.read_excel('precautions - fruits.xlsx')
44             print(df.iloc[preds]['caution'])
45
46     return df.iloc[preds]['caution']
47
48 if __name__ == '__main__':
49     app.run(debug=False)
50
```

Usage

Here you can get help of any object by pressing **Ctrl+H** in front of it, either on the Editor or the Console.

Help can also be shown automatically after writing a left parenthesis next to an object. You can activate this behavior in *Preferences > Help*.

New to Spyder? Read our [tutorial](#)

Help Variable Explorer Plots Files

Console 1/A X

```
vegetable
1/1 [=====] - 4s 4s/step
2
127.0.0.1 - - [30/Jul/2022 20:49:21] "POST /predict HTTP/1.1" 200 -
Oops!! Your potato plant is Early Blight. Avoid irrigation in cool cloudy weather
and time irrigation to allow plants time to dry before nightfall. Protectant
fungicides (e.g. maneb, mancozeb, chlorothalonil, and triphenyl tin hydroxide) are
effective.
vegetable
1/1 [=====] - 0s 378ms/step
127.0.0.1 - - [30/Jul/2022 20:50:47] "POST /predict HTTP/1.1" 200 -
8
Oops!! Your tomato plant is infected by Septoria leaf spot. Removing the infected
leaves immediately will curb the spread of infection. Organic and chemical
fungicides with chlorothalonil are effective in treatment.
```

IPython console History