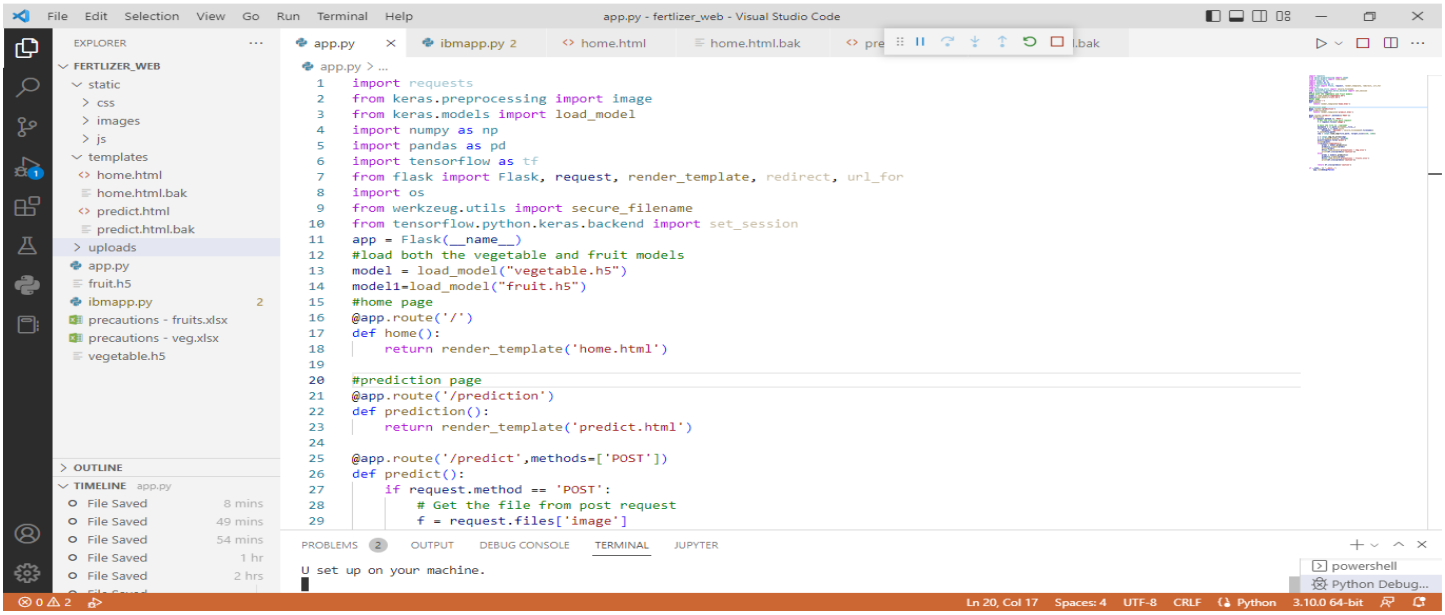
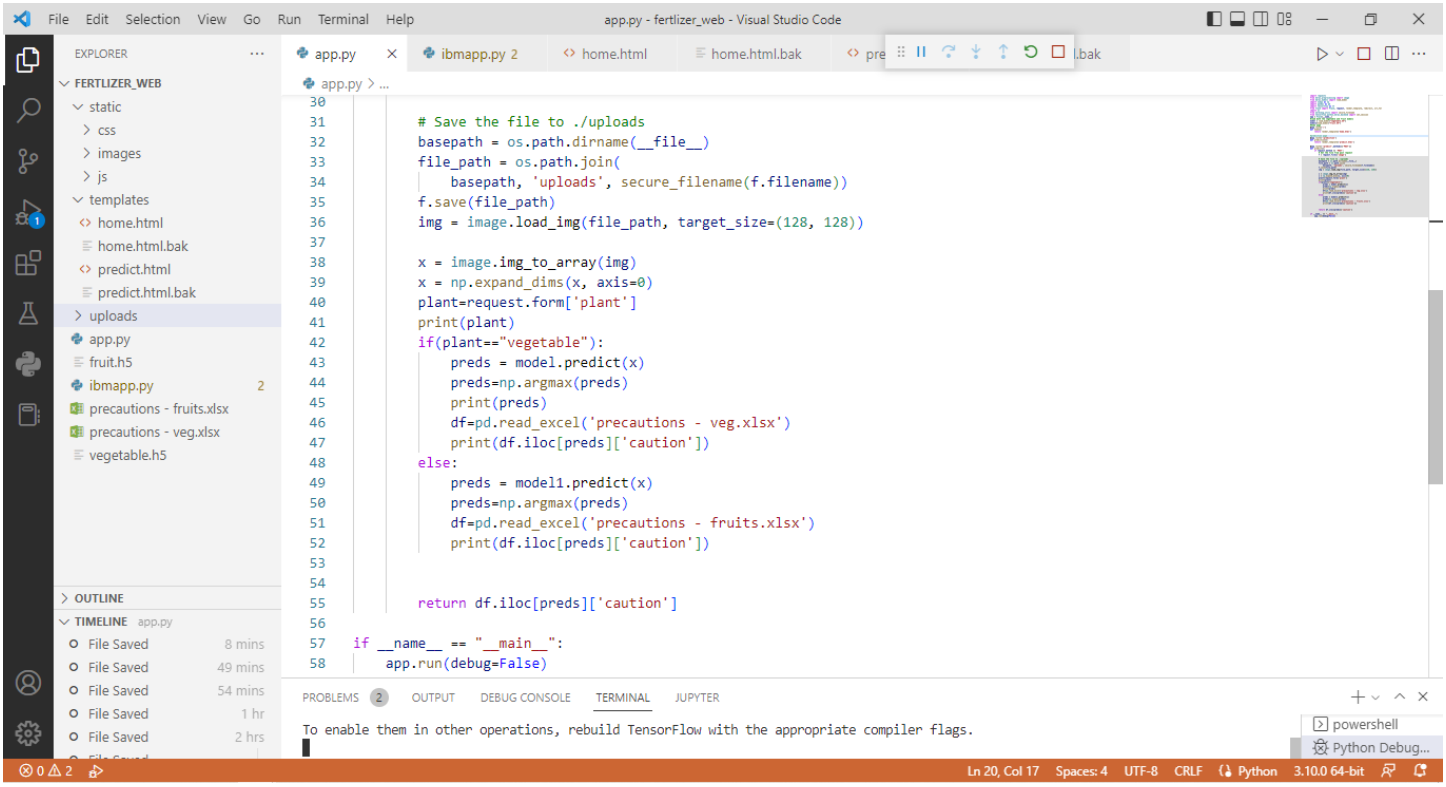
APPLICATION BULIDING

BUILD PYTHON CODES

DATE	5 NOVEMBER 2022
TEAM ID	PNT2022TMID29709
PROJECT NAME	FERTILIZER RECOMMENDATION SYSTEM FOR DISEASE PREDICTION

BUILD PYTHON CODES




File Edit Selection View Go Run Terminal Help
app.py - fertlizer_web - Visual Studio Code
EXPLORER
FERTLIZER_WEB
static
css
images
js
templates
home.html
home.html.bak
predict.html
predict.html.bak
uploads
app.py
fruit.h5
ibmapp.py 2
precautions - fruits.xlsx
precautions - veg.xlsx
vegetable.h5
OUTLINE
TIMELINE app.py
File Saved 8 mins
File Saved 49 mins
File Saved 54 mins
File Saved 1 hr
File Saved 2 hrs
app.py
ibmapp.py 2
home.html
home.html.bak
app.py > ...
# Save the file to ./uploads
basepath = os.path.dirname(__file__)
file_path = os.path.join(
basepath, 'uploads', secure_filename(f.filename))
f.save(file_path)
img = image.load_img(file_path, target_size=(128, 128))
x = image.img_to_array(img)
x = np.expand_dims(x, axis=0)
plant=request.form['plant']
print(plant)
if(plant=="vegetable"):
preds = model.predict(x)
preds=np.argmax(preds)
print(preds)
df=pd.read_excel('precautions - veg.xlsx')
print(df.iloc[preds]['caution'])
else:
preds = model1.predict(x)
preds=np.argmax(preds)
df=pd.read_excel('precautions - fruits.xlsx')
print(df.iloc[preds]['caution'])
return df.iloc[preds]['caution']
if __name__ == "__main__":
app.run(debug=False)
PROBLEMS 2
OUTPUT
DEBUG CONSOLE
TERMINAL
JUPYTER
To enable them in other operations, rebuild TensorFlow with the appropriate compiler flags.
powershell
Python Debug...
Ln 20, Col 17
Spaces: 4
UTF-8
CRLF
Python
3.10.0 64-bit