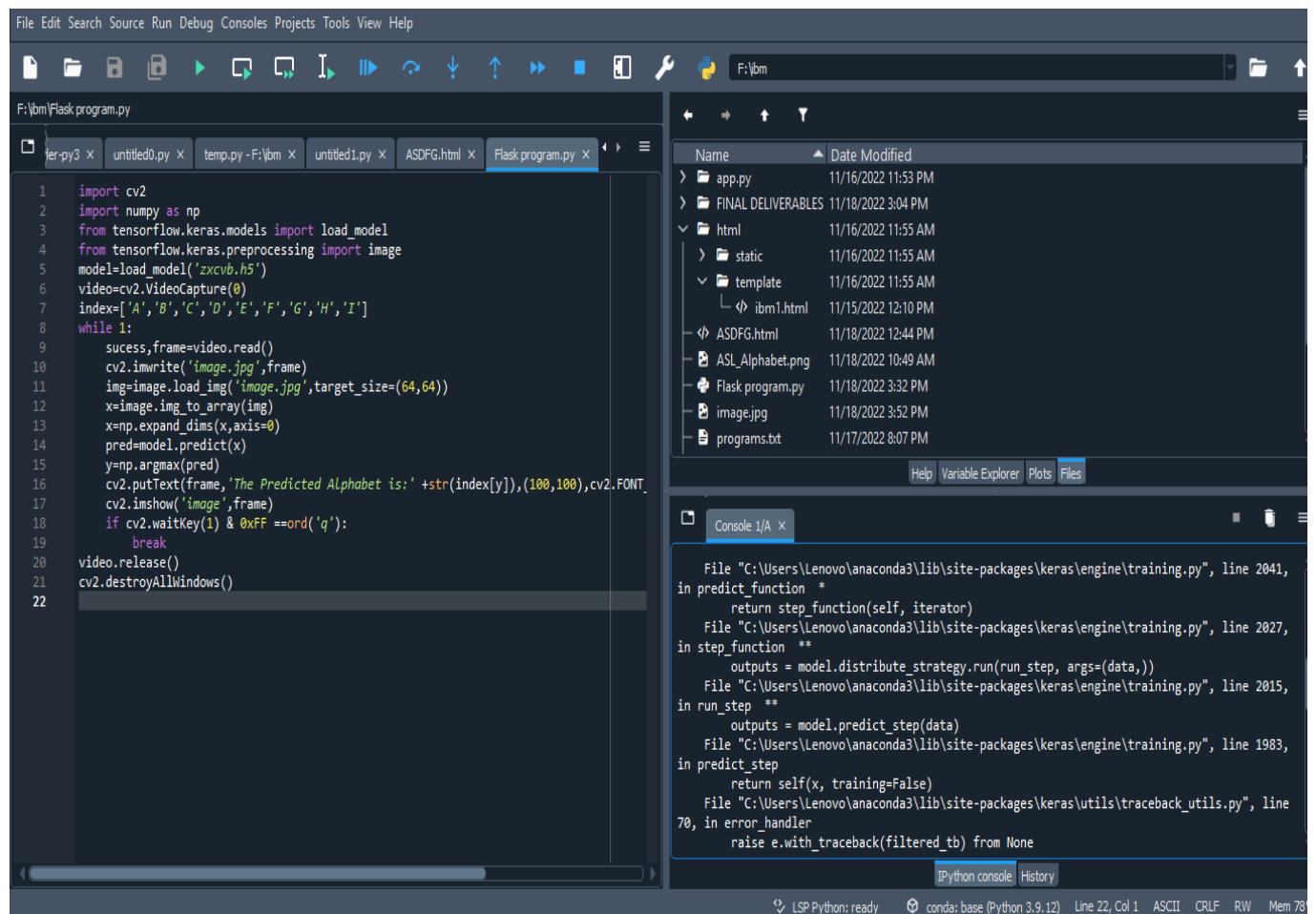


Build A Flask Application

Team ID	PNT2022TMID33016
Project Name	Project –Real time communication for specially abled powered by AI

Flask program :



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File Edit Search Source Run Debug Consoles Projects Tools View Help
F:\bm
F:\bm\Flask program.py
fer-py3 x unttitled0.py x temp.py - F:\bm x unttitled1.py x ASDFG.html x Flask program.py x
1 import cv2
2 import numpy as np
3 from tensorflow.keras.models import load_model
4 from tensorflow.keras.preprocessing import image
5 model=load_model('zxcvb.h5')
6 video=cv2.VideoCapture(0)
7 index=['A','B','C','D','E','F','G','H','I']
8 while 1:
9     sucess,frame=video.read()
10    cv2.imwrite('image.jpg',frame)
11    img=image.load_img('image.jpg',target_size=(64,64))
12    x=image.img_to_array(img)
13    x=np.expand_dims(x,axis=0)
14    pred=model.predict(x)
15    y=np.argmax(pred)
16    cv2.putText(frame,'The Predicted Alphabet is:' +str(index[y]),(100,100),cv2.FONT_HERSHEY_SIMPLEX,(0,255,0),4)
17    cv2.imshow('image',frame)
18    if cv2.waitKey(1) & 0xFF ==ord('q'):
19        break
20 video.release()
21 cv2.destroyAllWindows()
22

Name Date Modified
> app.py 11/16/2022 11:53 PM
> FINAL DELIVERABLES 11/18/2022 3:04 PM
  > html 11/16/2022 11:55 AM
    > static 11/16/2022 11:55 AM
      > template 11/16/2022 11:55 AM
        > ibm1.html 11/15/2022 12:10 PM
  > ASDFG.html 11/18/2022 12:44 PM
  > ASL_Alphabet.png 11/18/2022 10:49 AM
  > Flask program.py 11/18/2022 3:32 PM
  > image.jpg 11/18/2022 3:52 PM
  > programs.txt 11/17/2022 8:07 PM
Help Variable Explorer Plots Files
Console 1/A x
File "C:\Users\Lenovo\anaconda3\lib\site-packages\keras\engine\training.py", line 2041, in predict_function
    return step_function(self, iterator)
File "C:\Users\Lenovo\anaconda3\lib\site-packages\keras\engine\training.py", line 2027, in step_function
    outputs = model.distribute_strategy.run(run_step, args=(data,))
File "C:\Users\Lenovo\anaconda3\lib\site-packages\keras\engine\training.py", line 2015, in run_step
    outputs = model.predict_step(data)
File "C:\Users\Lenovo\anaconda3\lib\site-packages\keras\engine\training.py", line 1983, in predict_step
    return self(x, training=False)
File "C:\Users\Lenovo\anaconda3\lib\site-packages\keras\utils\traceback_utils.py", line 70, in error_handler
    raise e.with_traceback(filtered_tb) from None
LSP Python: ready conda: base (Python 3.9.12) Line 22, Col 1 ASCII CRUF RW Mem 78
```