Python Code:

```
from flask import Flask, render_template, request
import os
os.environ['TF_CPP_MIN_LOG_LEVEL'] = '2'
import numpy as np
import tensorflow as tf
from tensorflow.python import keras
from tensorflow.python.keras.models import load_model
from tensorflow import image
from skimage.transform import resize
global graph
graph=tf.get_default_graph()
from werkzeug.utils import secure_filename
from gevent.pywsgi import WSGIServer


create_app = Flask(__name__, template_folder='templates')

model=load_model('aslpng1.h5')
vals=['A','B','C','D','E','F','G','H']
pred=" "

@create_app.route('/')
@create_app.route('/home')
def hello_world():    # put application's code here
return render_template('index.html')


@create_app.route('/start')
def start():
    return render_template('camera.html')

@create_app.route('/start/submit123',methods=['POST','GET'])
def detect():
    if request.methods =='POST':
        f = request.files['file']
        print("current path")
        basepath = os.path.dirname(__file__)
        filepath = os.path.join(basepath, "uploads", f.filename)
        f.save(filepath)

        img = image.load_img(filepath, target_size=(64, 64))
        x = image.img_to_array(img)
        x = np.expand_dims(x, axis=0)

        with graph.as_default():
            preds=model.predict_classes(x)
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  print("prediction",preds)

        index=['a','b','c','d','e','f','g','h']
        text=index[preds[0]]
        return text
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        print(text)
        return render_template('result.html',text=text)




@create_app.route('/Login')
def login():
    return render_template('login.html')


@create_app.route('/login/signup')
def signup():
    return render_template('index.html')


if __name__ == '__main__':
    create_app().run(debug=True)
```