Source Code

```python
from flask import Flask, request, jsonify
import numpy as np from
tensorflow.keras.models import
load_model from PIL import Image import
io

app = Flask(__name__) model =
load_model("digit_model.h5")

@app.route('/predict', methods=['POST']) def
predict():    if 'file' not in request.files:
return jsonify({'error': 'No file uploaded'}), 400
file = request.files['file']    img =
Image.open(file).convert('L').resize((28, 28))
img = np.array(img).astype('float32') / 255.0
img = img.reshape(1, 28, 28, 1)    prediction =
model.predict(img)    digit =
int(np.argmax(prediction))    return
jsonify({'prediction': digit})

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