```
import
numpy
as np
        import os
        from PIL import Image
        from flask import Flask, request, render_template, url_for
        from werkzeug.utils import secure_filename, redirect
        from gevent.pywsgi import WSGIServer
        from keras.models import load_model
        from keras.preprocessing import image
        from flask import send_from_directory
        UPLOAD_FOLDER = 'C:/Users/Dell/PycharmProjects/A-novel-method-for-digit-
        recognition-system/flask_app/uploads'
        app = Flask(_name_)
        app.config['UPLOAD_FOLDER'] = UPLOAD_FOLDER
        model = load_model("mnistCNN.h5")
        @app.route('/')
        def index():
            return render_template('index.html')
        @app.route('/predict', methods=['GET', 'POST'])
        def upload():
            if request.method == "POST":
                f = request.files["image"]
                filepath = secure_filename(f.filename)
                f.save(os.path.join(app.config['UPLOAD_FOLDER'], filepath))
                upload_img = os.path.join(UPLOAD_FOLDER, filepath)
                img = Image.open(upload_img).convert("L")  # convert image to monochrome
                img = img.resize((28, 28))  # resizing of input image
                im2arr = np.array(img)  # converting to image
                im2arr = im2arr.reshape(1, 28, 28, 1)  # reshaping according to our
        requirement
                pred = model.predict(im2arr)
                num = np.argmax(pred, axis=1)  # printing our Labels
                return render_template('predict.html', num=str(num[0]))
        if _name_ == '_main_':
            app.run(debug=True, threaded=False)
```