# import section  
from flask import Flask, render\_template, request  
from flask\_sqlalchemy import SQLAlchemy  
from flask\_mail import Mail  
from datetime import datetime  
import pymysql  
import json  
  
# opening config.json file in read mode in a variable and assign to params to read all params from config.json  
with open('config.json', 'r') as a:  
 params\_1 = json.load(a)["params"]  
# prams\_1 is local variable for main.py and params is in config.json  
  
local\_server = True  
pymysql.install\_as\_MySQLdb() # getting errors so ive to make this line Credit - stackoverflow.com  
app = Flask(\_\_name\_\_)  
# app will give access to personal email  
app.config.update(  
 MAIL\_SERVER = 'smtp.gmail.com',  
 MAIL\_PORT ='465',  
 MAIL\_USE\_SSL = True,  
 MAIL\_USERNAME = params\_1['gmail\_user'],  
 MAIL\_PASSWORD = params\_1['gmail\_password']  
)  
mail = Mail(app) # mall variable assign to Mail(app)  
  
if(local\_server):  
 # app.config['SQLALCHEMY\_DATABASE\_URI'] = 'mysql://root:@localhost/aunash' <-- this is original line  
 # if local server is True then its a local server  
 app.config['SQLALCHEMY\_DATABASE\_URI'] = params\_1['local\_uri']  
else:  
 # if local server is False then its a production server  
 app.config['SQLALCHEMY\_DATABASE\_URI'] = params\_1['prod\_uri']  
  
db = SQLAlchemy(app) # db variable assign from SQLAlchemy(app)  
  
  
class Contact(db.Model):  
 # all variables straight came from database  
 cont\_srno = db.Column(db.Integer, primary\_key=True)  
 cont\_name = db.Column(db.String(80), nullable=False)  
 cont\_email = db.Column(db.String(20), nullable=False)  
 cont\_phone\_num = db.Column(db.String(12), nullable=False)  
 cont\_message = db.Column(db.String(120), nullable=False)  
 cont\_date = db.Column(db.String(12), nullable=True)  
  
  
@app.route("/")  
def home():  
  
 return render\_template("index.html", lo\_params=params\_1)  
  
  
@app.route("/services")  
def services():  
  
 return render\_template("services.html", lo\_params=params\_1)  
  
  
@app.route("/blog\_post")  
def post():  
  
 return render\_template("blog\_post.html", lo\_params=params\_1)  
  
  
@app.route("/vlog")  
def about():  
  
 return render\_template("vlog.html", lo\_params=params\_1)  
  
  
@app.route("/contact", methods=['GET', 'POST'])  
def contact():  
  
 if(request.method == 'POST'):  
 # variable request from form or heml to get variable inputs so variable = html input  
 name = request.form.get("name")  
 email = request.form.get("email")  
 phone = request.form.get("phone")  
 message = request.form.get("message")  
 # we give entry form Contact class and tell name(from database) = name(from request html get)  
 # database variable = html input  
 entry = Contact(cont\_name=name, cont\_email=email, cont\_phone\_num=phone, cont\_message=message, cont\_date=datetime.now())  
 db.session.add(entry) # our entry will be in database variables  
 db.session.commit() # we commit or confirm our entry to save inputs in database  
 # this will send message to personal email also  
 mail.send\_message('New Message of ' + name + ' from Aunash ', # name of sender  
 sender = email, # alongwith email of sender  
 recipients = [params\_1['gmail\_user']], # authorization to personal email  
 body = message + '\n' + phone # alongwith message and phone number of sender  
 )  
  
 return render\_template("contact.html", lo\_params=params\_1)  
  
  
app.run(debug=True)  
# End Program

Code from contact.html for send button action . Bold and underline code to send input from contact.html to main.py to config.json and process and execute in web browser .

<form name="sentMessage" id="contactForm" **action="/contact" method="POST"** novalidate>