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from flask import Flask, render_template, request, redirect, url_for
from flask_mail import Mail, Message
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```
import ibm_db
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```
app = Flask(__name__, template_folder = 'templates')
app.config['SECRET_KEY'] = 'Verification'
app.config['MAIL_SERVER'] = 'smtp.sendgrid.net'
app.config['MAIL_PORT'] = 587 app.config['MAIL_USE_TLS']
= True app.config['MAIL_USERNAME'] = 'apikey'
app.config['MAIL_PASSWORD'] = 'SG.PQgm4a1yRNe_1a8bOL5x-w.uY-
_9tC56GnQcot0TjLtlYdI5xfHEk_rvBDxO7k6dTM'
app.config['MAIL_DEFAULT_SENDER'] = 'lyall.sathish@gmail.com'
mail = Mail(app)
```

```
conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=55fbc997-9266-4331-afd3-
888b05e734c0.bs2io90I08kqb1od8lcg.databases.appdomain.cloud;PORT=31929;SECURITY=SSL;SSLS
erverCertificate=DigiCertGlobalRootCA.crt;UID=spq76013;PWD=lcaFi0FUxoaVlpTn",",")
@app.route('/', methods=['GET', 'POST'])
def registration():    if
request.method=='GET':
    return render_template('registration.html')
if request.method=='POST':
email=request.form['email']
password=request.form['password']
wallet=request.form['wallet']
sql="INSERT INTO PETA(EMAIL,PASSWORD,WALLET) VALUES(?,?,?)"
stmt=ibm_db.prepare(conn,sql)    ibm_db.bind_param(stmt,1,email)
ibm_db.bind_param(stmt,2,password)
ibm_db.bind_param(stmt,3,wallet)    ibm_db.execute(stmt)
msg = Message('Registration Verification',recipients=[email])
msg.body = ('Congratulations! Welcome user!')    msg.html =
('<h1>Registration Verification</h1>'
    '<p>Congratulations! Welcome user!'
    '<b>PETA</b>')
mail.send(msg)
return redirect(url_for('dashboard'))
```

```
@app.route('/login', methods=['GET', 'POST']) def
login():
    if request.method=='POST':
email=request.form['email']
password=request.form['password']
sql="SELECT * FROM PETA WHERE email=? AND password=?"
stmt=ibm_db.prepare(conn,sql)
ibm_db.bind_param(stmt,1,email)
ibm_db.bind_param(stmt,2,password)
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ibm_db.execute(stmt)
account=ibm_db.fetch_assoc(stmt)
print(account)
if account:
    return redirect(url_for('dashboard'))
else:
    return redirect(url_for('login'))
elif request.method=='GET':
    return render_template('login.html')

@app.route('/dashboard', methods=['GET']) def
dashboard():
    return render_template('dashboard.html')

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_9tC56GnQcot0TjltlYdI5xfHEk_rvBDxO7k6dTM'
app.config['MAIL_DEFAULT_SENDER'] = 'abitha.thangadurai@gmail.com' mail
= Mail(app)

conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=55fbc997-9266-4331-afd3-
888b05e734c0.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;PORT=31929;SECURITY=SSL;SSLS
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```

```

@app.route('/login', methods=['GET', 'POST'])
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        sql = "SELECT * FROM PETA WHERE email=? AND password=?"
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt, 1, email)
        ibm_db.bind_param(stmt, 2, password)
        ibm_db.execute(stmt)
        account = ibm_db.fetch_assoc(stmt)
        print(account)
        if account:
            return redirect(url_for('dashboard'))
        else:
            return redirect(url_for('login'))
    elif request.method == 'GET':
        return render_template('login.html')

@app.route('/dashboard', methods=['GET'])
def dashboard():
    return render_template('dashboard.html')

```