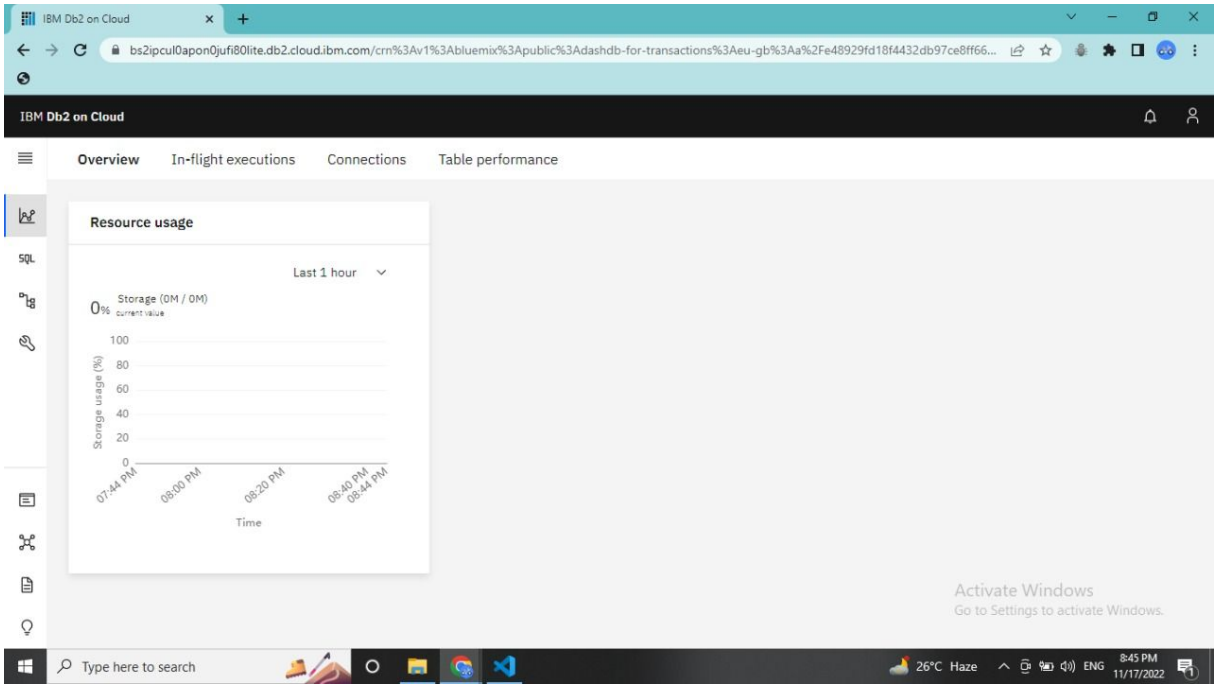
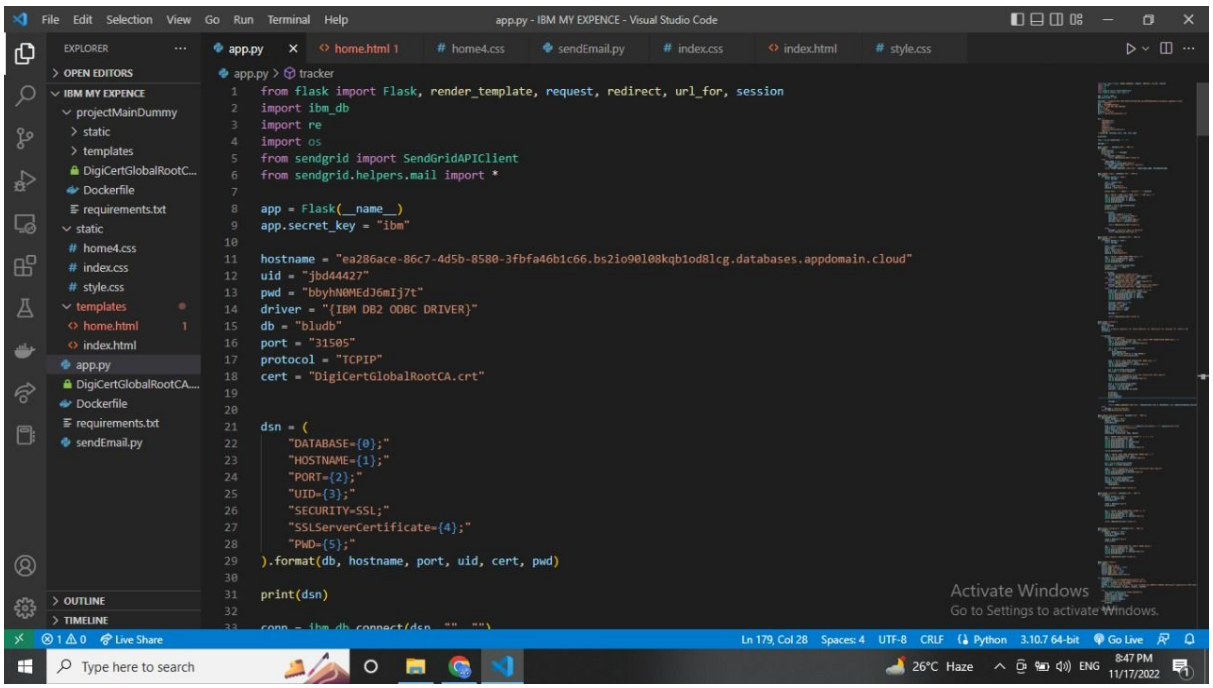
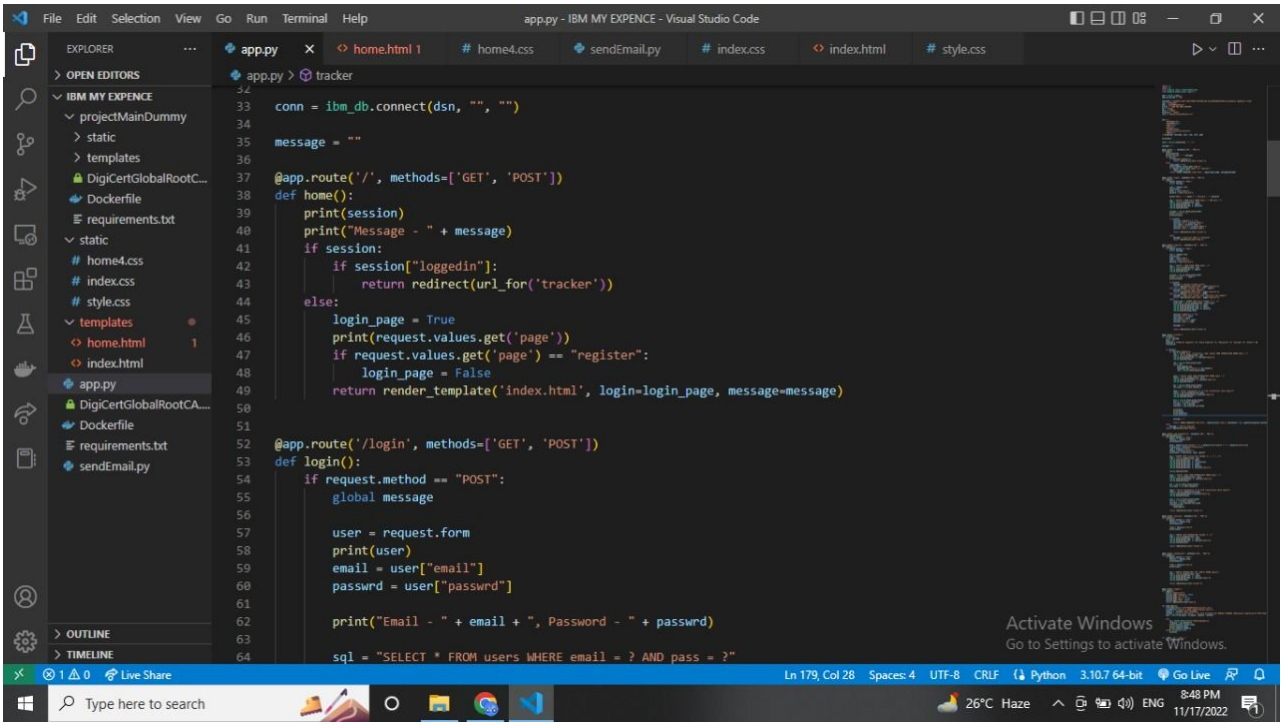
IMPLEMENTING WEB APPLICATION

Create IBM DB2 And Connect With Python:



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app.py - IBM MY EXPENCE - Visual Studio Code
EXPLORER
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IBM MY EXPENCE
projectMainDummy
static
templates
DigiCertGlobalRootC...
Dockerfile
requirements.txt
static
home4.css
index.css
style.css
templates
home.html 1
index.html
app.py
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sendEmail.py
OUTLINE
TIMELINE
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home.html 1
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index.html
style.css
app.py > tracker
conn = ibm_db.connect(dsn, "", "")
message = ""
@app.route('/', methods=['GET', 'POST'])
def home():
print(session)
print("Message - " + message)
if session:
if session["loggedin"]:
return redirect(url_for('tracker'))
else:
login_page = True
print(request.values.get('page'))
if request.values.get('page') == "register":
login_page = False
return render_template('index.html', login=login_page, message=message)
@app.route('/login', methods=['GET', 'POST'])
def login():
if request.method == "POST":
global message
user = request.form
print(user)
email = user["email"]
passwrd = user["passwrd"]
print("Email - " + email + ", Password - " + passwrd)
sql = "SELECT * FROM users WHERE email = ? AND pass = ?"
Activate Windows
Go to Settings to activate Windows.
Ln 179, Col 28 Spaces: 4 UTF-8 CRLF Python 3.10.7 64-bit Go Live
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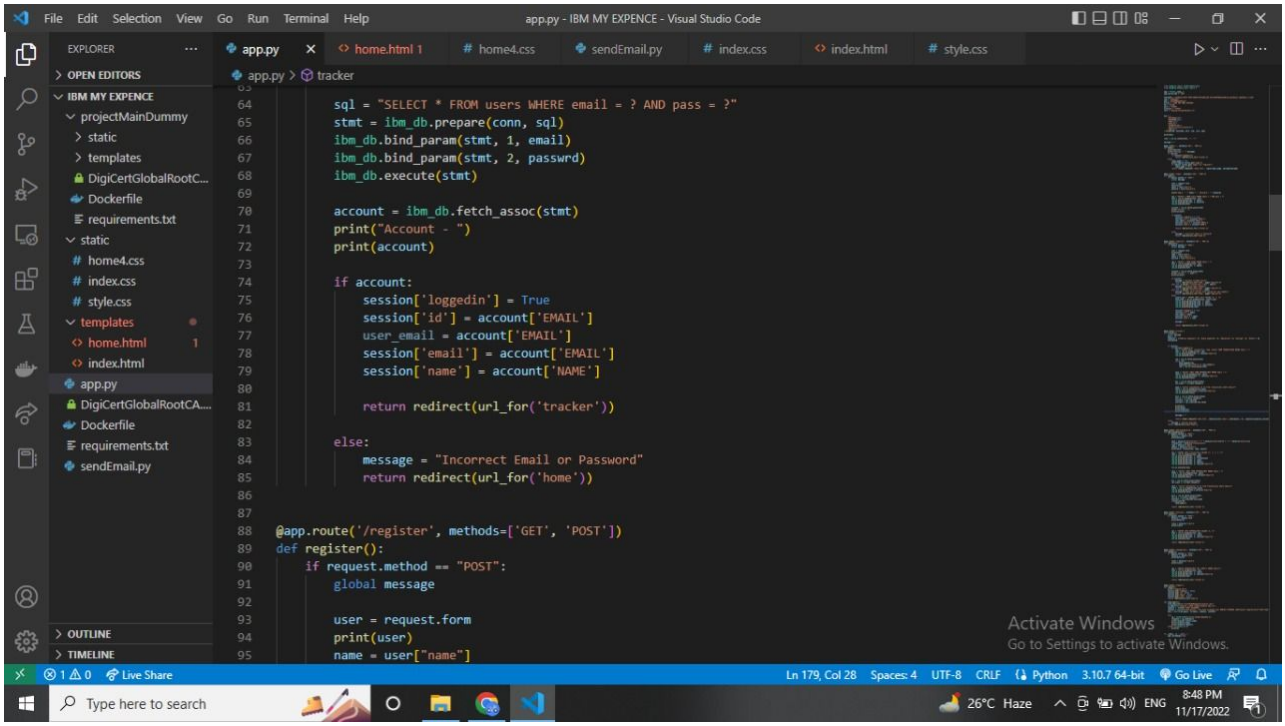
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app.py > tracker
sql = "SELECT * FROM users WHERE email = ? AND pass = ?"
stmt = ibm_db.prepare(conn, sql)
ibm_db.bind_param(stmt, 1, email)
ibm_db.bind_param(stmt, 2, passwrd)
ibm_db.execute(stmt)
account = ibm_db.fetch_assoc(stmt)
print("Account - ")
print(account)
if account:
session['loggedin'] = True
session['id'] = account['EMAIL']
user_email = account['EMAIL']
session['email'] = account['EMAIL']
session['name'] = account['NAME']
return redirect(url_for('tracker'))
else:
message = "Incorrect Email or Password"
return redirect(url_for('home'))
@app.route('/register', methods=['GET', 'POST'])
def register():
if request.method == "POST":
global message
user = request.form
print(user)
name = user["name"]
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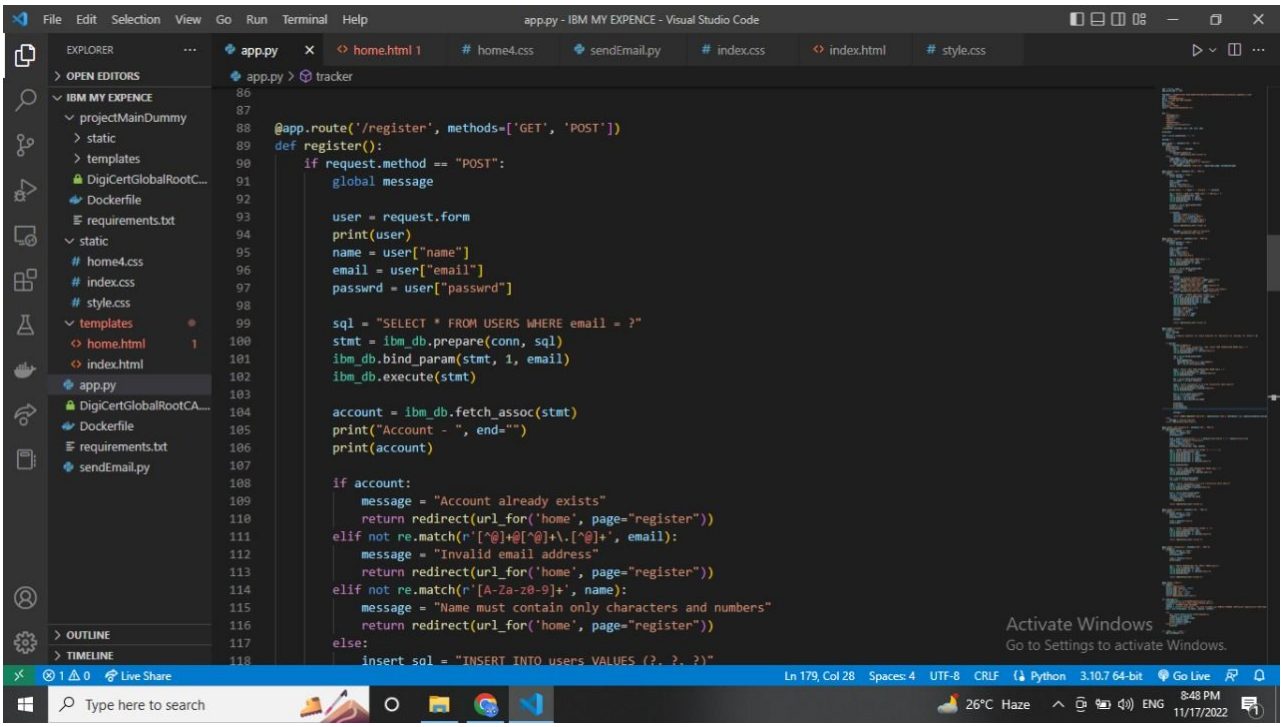
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app.py > tracker
@app.route('/register', methods=['GET', 'POST'])
def register():
if request.method == "POST":
global message
user = request.form
print(user)
name = user["name"]
email = user["email"]
passwrd = user["passwrd"]
sql = "SELECT * FROM USERS WHERE email = ?"
stmt = ibm_db.prepare(conn, sql)
ibm_db.bind_param(stmt, 1, email)
ibm_db.execute(stmt)
account = ibm_db.fetch_assoc(stmt)
print("Account - ", end="")
print(account)
if account:
message = "Account already exists"
return redirect(url_for('home', page="register"))
elif not re.match(r'[^@]+@[^@]+\.[^@]+', email):
message = "Invalid email address"
return redirect(url_for('home', page="register"))
elif not re.match(r'[A-Za-z0-9]+', name):
message = "Name must contain only characters and numbers"
return redirect(url_for('home', page="register"))
else:
insert_sql = "INSERT INTO users VALUES (?, ?, ?)"
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1 0 Live Share
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