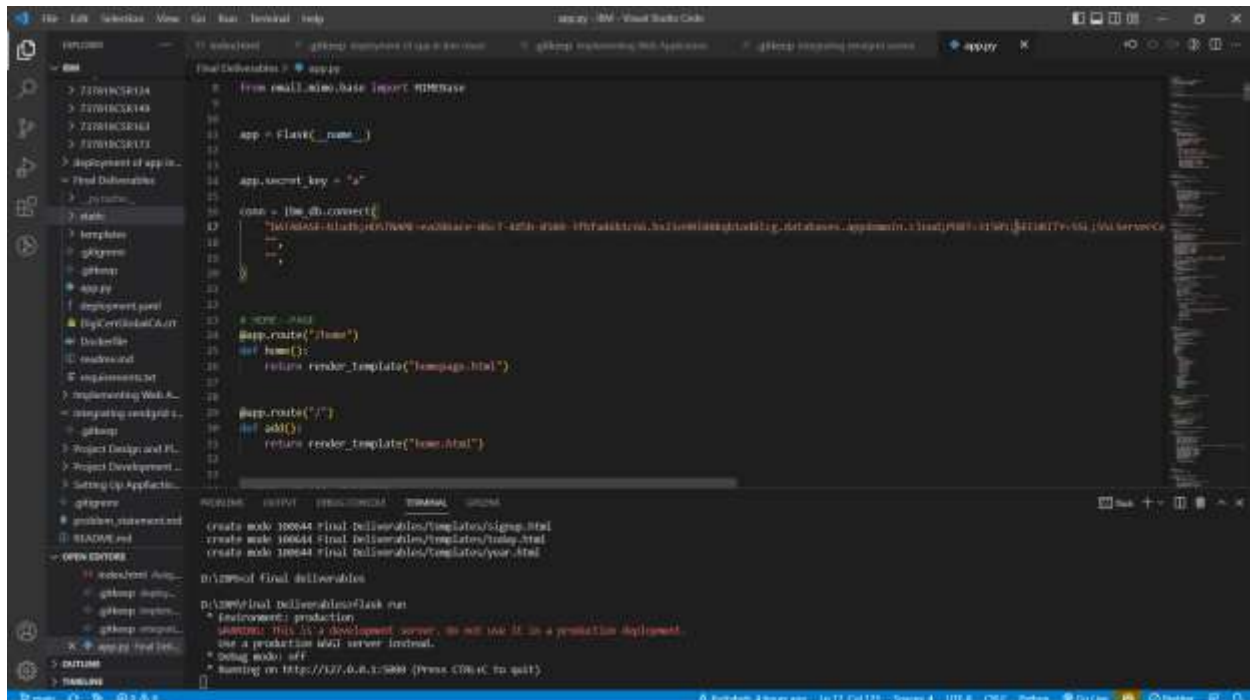


Create IBM DB2 and connect with python

Flask Code



```
from flask import Flask, request
from flask_sqlalchemy import SQLAlchemy

app = Flask(__name__)

app.config['SQLALCHEMY_DATABASE_URI'] = 'mysql://root:root@localhost:3306/expense_tracker'
app.config['SQLALCHEMY_TRACK_MODIFICATIONS'] = False

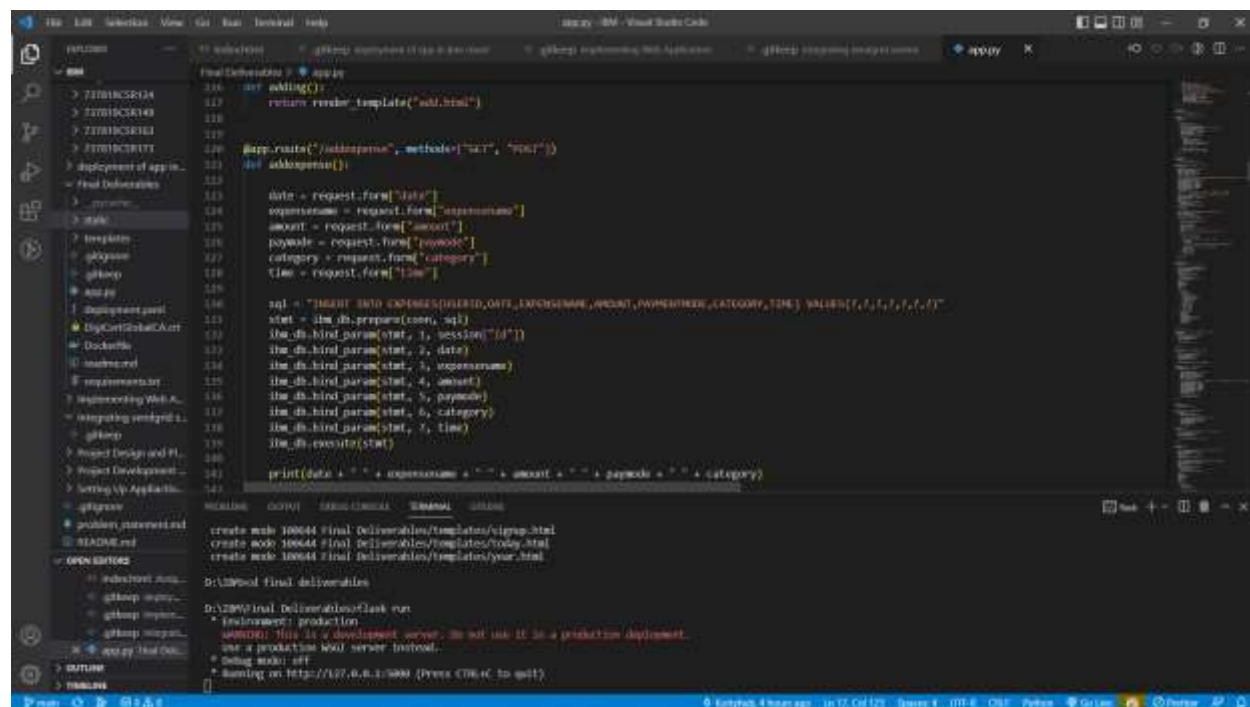
db = SQLAlchemy(app)

@app.route('/')
def home():
    return render_template("home.html")

@app.route('/add')
def add():
    return render_template("add.html")
```

Terminal Output:

```
D:\IBM\final deliverables> flask run
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
  * Debug mode: off
  * Running on http://127.0.0.1:5000 (Press CTRL-C to quit)
```



```
def add():
    return render_template("add.html")

@app.route('/addexpense', methods=['GET', 'POST'])
def addexpense():
    date = request.form['date']
    expensesum = request.form['expensesum']
    amount = request.form['amount']
    paymode = request.form['paymode']
    category = request.form['category']
    time = request.form['time']

    sql = "INSERT INTO EXPENSES (DATE, EXPENSESUM, AMOUNT, PAYMENTMODE, CATEGORY, TIME) VALUES (%s, %s, %s, %s, %s, %s)"
    stmt = db.session.execute(sql)
    db.session.commit()

    print(date + " " + expensesum + " " + amount + " " + paymode + " " + category)
```

Terminal Output:

```
D:\IBM\final deliverables> flask run
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
  * Debug mode: off
  * Running on http://127.0.0.1:5000 (Press CTRL-C to quit)
```