

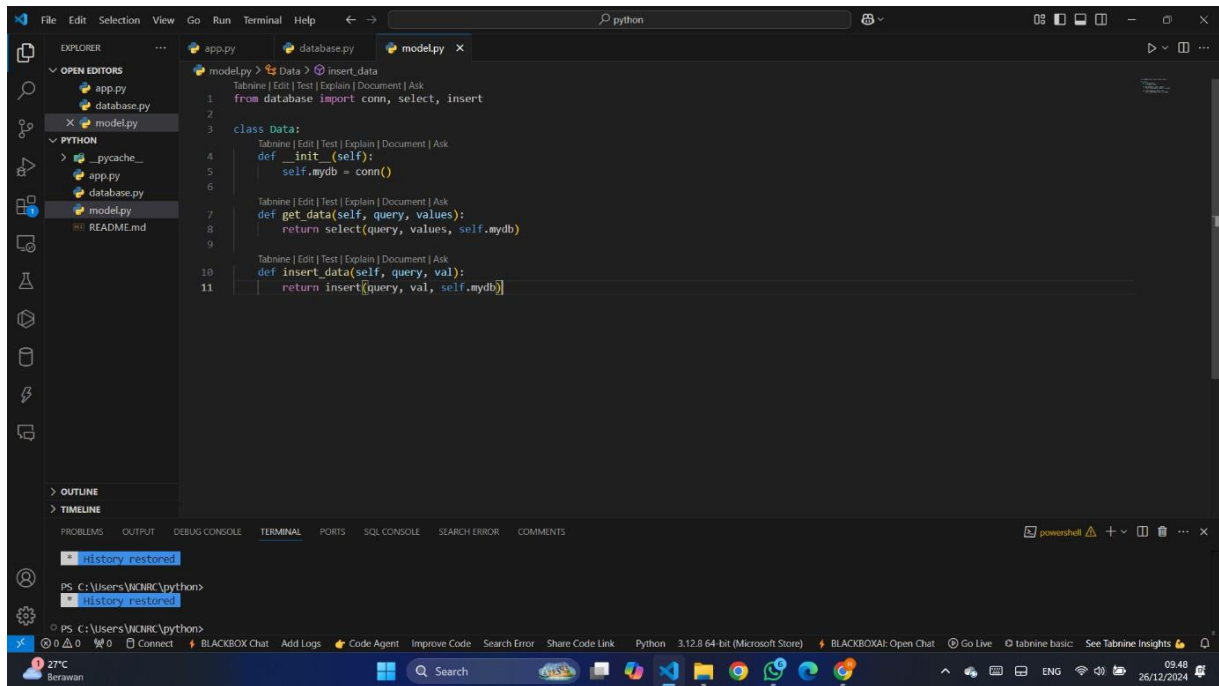
Nama : Dianda Prasetya

NIM : 230741111

Mata Kuliah : KPT

Dokumentasi Hasil Pengerjaan API-Flask menggunakan postman

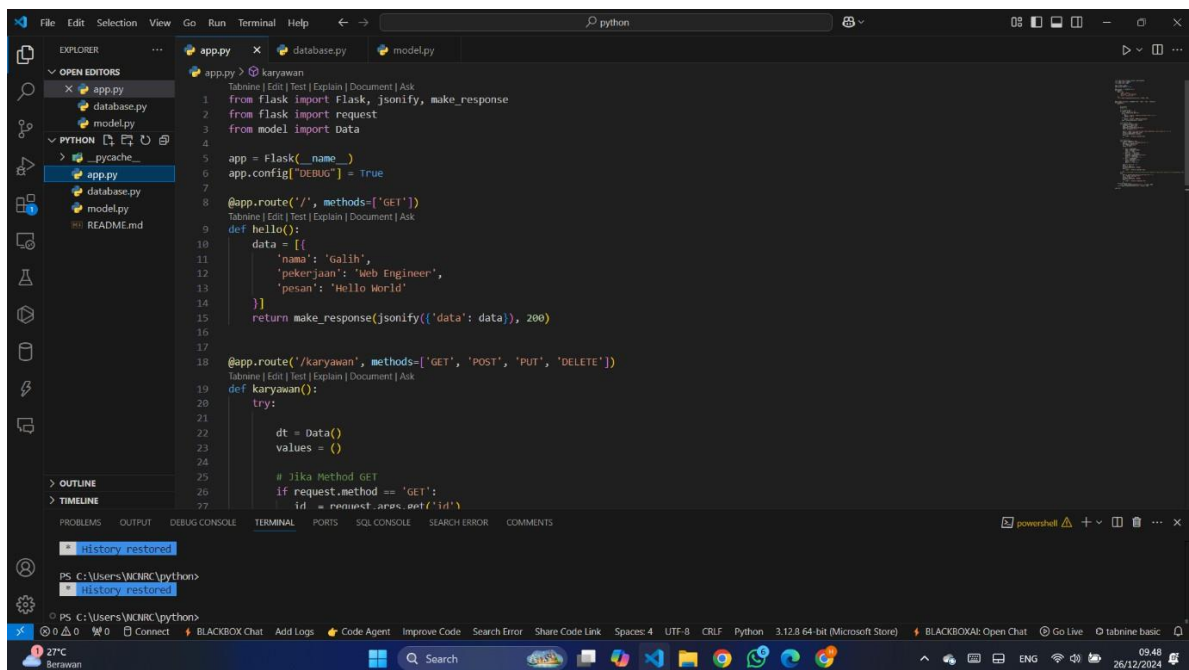
Model.py



```
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EXPLORER
  OPEN EDITORS
    app.py
    database.py
    model.py
  PYTHON
    _pycache_
    app.py
    database.py
    model.py
    README.md
  OUTLINE
  TIMELINE
  PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS SQL CONSOLE SEARCH ERROR COMMENTS
  History restored
  PS C:\Users\WICIR\python>
  History restored
  PS C:\Users\WICIR\python>
  27°C Berawan
  Search
  09:48 26/12/2024
```

```
model.py
1 from database import conn, select, insert
2
3 class Data:
4     def __init__(self):
5         self.mydb = conn()
6
7     def get_data(self, query, values):
8         return select(query, values, self.mydb)
9
10    def insert_data(self, query, val):
11        return insert(query, val, self.mydb)
```

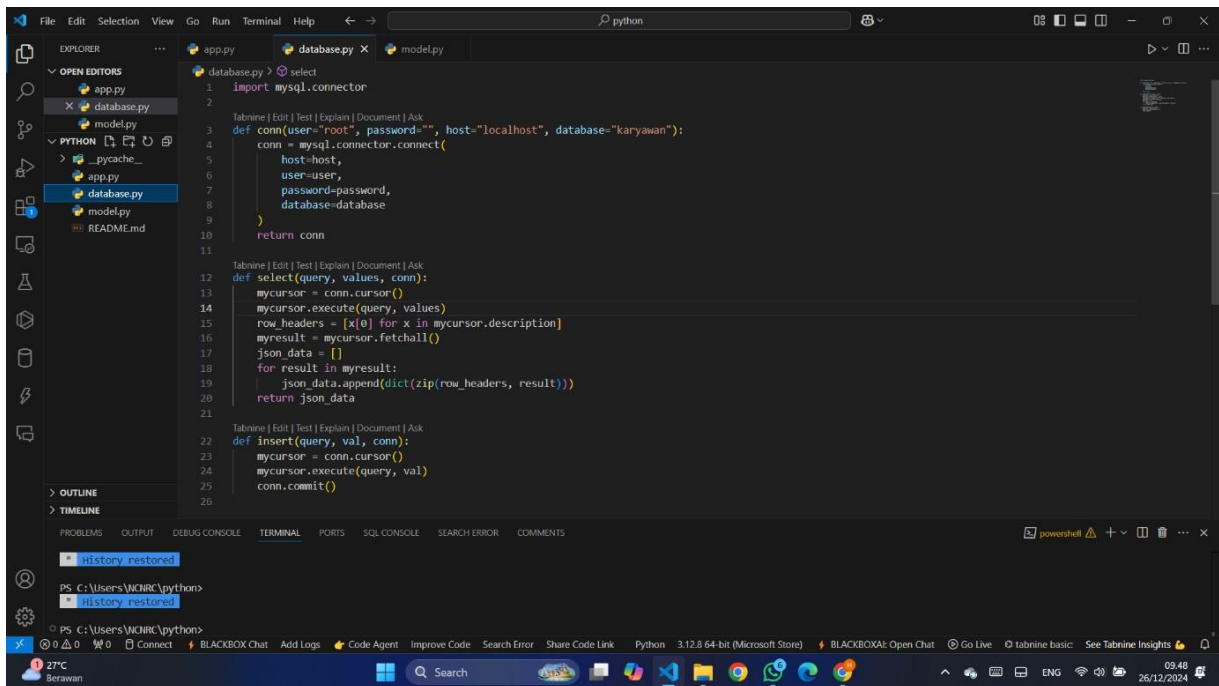
App.py



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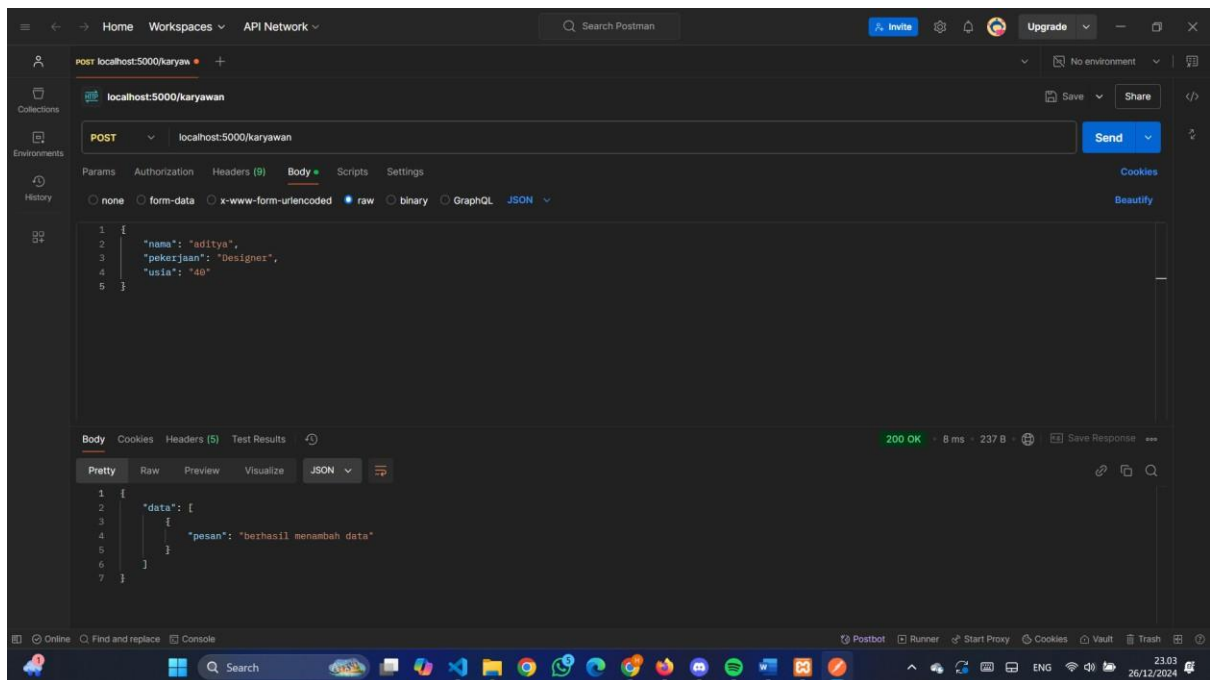
```
app.py
1 from flask import Flask, jsonify, make_response
2 from flask import request
3 from model import Data
4
5 app = Flask(__name__)
6 app.config["DEBUG"] = True
7
8 @app.route('/', methods=['GET'])
9 def hello():
10     data = [
11         {
12             'nama': 'Galih',
13             'pekerjaan': 'Web Engineer',
14             'pesan': 'Hello World'
15         }
16     ]
17     return make_response(jsonify({'data': data}), 200)
18
19 @app.route('/karyawan', methods=['GET', 'POST', 'PUT', 'DELETE'])
20 def karyawan():
21     try:
22         dt = Data()
23         values = ()
24
25         # jika Method GET
26         if request.method == 'GET':
27             id = request.args.get('id')
```

Database.py

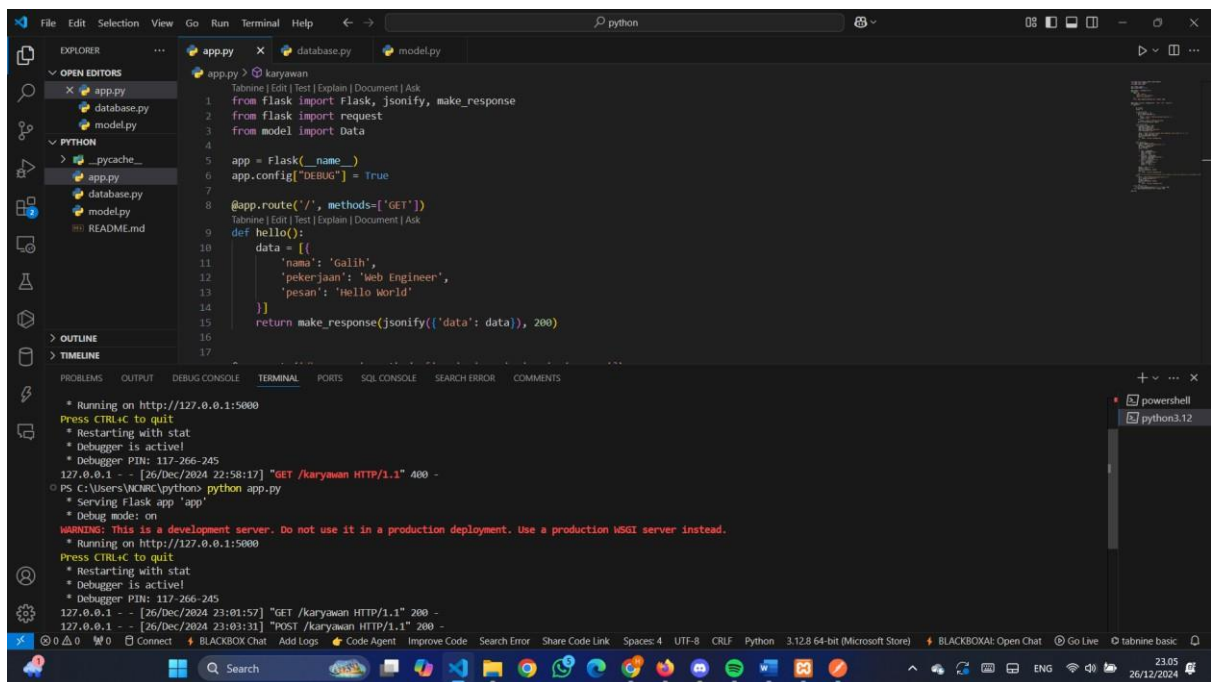


```
1 import mysql.connector
2
3 def conn(user="root", password="", host="localhost", database="karyawan"):
4     conn = mysql.connector.connect(
5         host=host,
6         user=user,
7         password=password,
8         database=database
9     )
10    return conn
11
12 def select(query, values, conn):
13     mycursor = conn.cursor()
14     mycursor.execute(query, values)
15     row_headers = [x[0] for x in mycursor.description]
16     myresult = mycursor.fetchall()
17     json_data = []
18     for result in myresult:
19         json_data.append(dict(zip(row_headers, result)))
20    return json_data
21
22 def insert(query, val, conn):
23     mycursor = conn.cursor()
24     mycursor.execute(query, val)
25     conn.commit()
26
```

Postman



Run python



Database XAMPP

