#Main.py file

from fastapi import FastAPI, Depends, HTTPException

from sqlmodel import SQLModel, Field, create\_engine, Session, select

from online\_class import settings

import psycopg2 # Import psycopg2

from typing import Annotated

from contextlib import asynccontextmanager

# Create Model

class Todo(SQLModel, table=True):

id: int = Field(default=None, primary\_key=True)

content: str = Field(index=True, min\_length=3, max\_length=54)

is\_completed: bool = Field(default=False)

# connection string and engine creation

connection\_string = str(settings.DATABASE\_URL).replace("postgresql", "postgresql+psycopg2") # Correct replacement

engine = create\_engine(connection\_string, connect\_args={"sslmode": "require"}, pool\_recycle=300, echo=True)

# Create tables

def create\_tables():

SQLModel.metadata.create\_all(engine)

def get\_session():

with session(engine) as session:

yield session

@asynccontextmanager

async def lifespan(app:FastAPI):

print('creating Tables')

create\_tables()

print('Tables created')

yield

app = FastAPI(lifespan=lifespan, title="Todo App", version="1.0.0" )

@app.get("/")

async def read\_root():

return {"Hello": "Welcome to online-class"}

@app.post('/todos', response\_model=Todo)

async def create\_todo(todo:Todo, session: Annotated[Session,Depends(get\_session)]):

session.add(todo)

session.commit()

session.refresh(todo)

if todo:

return todo

else:

raise HTTPException (status\_code=404, detail= "No Task found")

@app.get('/todos', response\_model= list[Todo])

async def get\_all(session: Annotated[Session,Depends(get\_session)]):

todos= Session.exec(select(Todo)).all()

if todos:

return todos

else:

raise HTTPException (status\_code=404, detail= "No Task found")

@app.get('/todos/{id}', response\_model=Todo)

async def get\_single\_todo(id:int,session: Annotated[Session,Depends(get\_session)] ):

todo = Session.exec(select(Todo)).where(Todo.id==id).first()

return todo

@app.put('/todos/{id}')

async def edit\_todo(todo:Todo, session: Annotated[Session,Depends(get\_session)]):

existing\_todo = session.exec(select(Todo)).where (Todo.id==id).first()

if existing\_todo :

existing\_todo.content = todo.content

existing\_todo.is\_completed = todo.is\_completed

session.add(existing\_todo)

session.commit()

session.refresh(existing\_todo)

return existing\_todo

else:

raise HTTPException (status\_code=404, detail= "No Task found")

@app.delete('/todos/{id}')

async def delete\_todo(id: int, session: Annotated[Session,Depends(get\_session)]):

todo = Session.exec(select(Todo)).where(Todo.id==id).first()

if todo :

session.delete(todo)

session.commit()

session.refresh(todo)

return {"message": "Task successfuly deleted"}

else:

raise HTTPException (status\_code=404, detail= "No Task found")

settings.py

from starlette.config import Config

from starlette.datastructures import Secret

try:

    config = Config(".env")

except FileNotFoundError:

    config = Config()

DATABASE\_URL = config("DATABASE\_URL", cast=Secret)

#test\_main.py

from fastapi.testclient import TestClient

from online\_class import settings

from sqlmodel import create\_engine, Session, SQLModel

from online\_class.main import app, get\_session

# Connection string and engine creation

connection\_string = str(settings.TEST\_DATABASE\_URL).replace("postgresql", "postgresql+psycopg2")

engine = create\_engine(connection\_string, connect\_args={"sslmode": "require"}, pool\_recycle=300, echo=True)

# Fixture for handling sessions

def override\_dependency():

with Session(engine) as session:

yield session

# Test No.1: Root Test

def test\_root():

client = TestClient(app)

response = client.get('/')

assert response.status\_code == 200

assert response.json() == {"Hello": "Welcome to online-class"}

# Test No.2: Create todo Test

def test\_create\_todo():

SQLModel.metadata.create\_all(engine)

with Session(engine) as session:

def db\_session\_override():

return session

app.dependency\_overrides[get\_session] = db\_session\_override

client = TestClient(app=app)

# Test No.3: get\_all Test

def test\_get\_all():

SQLModel.metadata.create\_all(engine)

with Session(engine) as session:

def db\_session\_override():

return session

app.dependency\_overrides[get\_session] = db\_session\_override

client = TestClient(app=app)

.env file

DEBUG = True

DATABASE\_URL = postgresql://neondb\_owner:eu54CVcxsSPm@ep-holy-glade-a10v4r8g-pooler.ap-southeast-1.aws.neon.tech/neondb\_todos?sslmode=require

Project.tomal

[tool.poetry]

name = "online-class"

version = "0.1.0"

description = ""

authors = ["Hamid Nisar <hamidnisarpiaic@gmail.com>"]

readme = "README.md"

[tool.poetry.dependencies]

python = "^3.12"

fastapi = "^0.110.0"

uvicorn = "^0.29.0"

sqlmodel = "^0.0.16"

psycopg2 = "^2.9.9"

[build-system]

requires = ["poetry-core"]

build-backend = "poetry.core.masonry.api"

Terminal processings

PS D:\learn\_generative\_ai\online-class> poetry add psycopg2

Using version ^2.9.9 for psycopg2

Updating dependencies

Resolving dependencies... (0.2s)

Package operations: 1 install, 0 updates, 0 removals

- Installing psycopg2 (2.9.9)

Writing lock file

PS D:\learn\_generative\_ai\online-class>

PS D:\learn\_generative\_ai\online-class> poetry shell

Spawning shell within C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12

PowerShell 7.3.6

A new PowerShell stable release is available: v7.4.1

Upgrade now, or check out the release page at:

https://aka.ms/PowerShell-Release?tag=v7.4.1

(online-class-py3.12) PS D:\learn\_generative\_ai\online-class> poetry run uvicorn online\_class.main:app --reload

INFO: Will watch for changes in these directories: ['D:\\learn\_generative\_ai\\online-class']

INFO: Uvicorn running on http://127.0.0.1:8000 (Press CTRL+C to quit)

INFO: Started reloader process [69888] using StatReload

2024-04-02 05:29:18,733 INFO sqlalchemy.engine.Engine select pg\_catalog.version()

2024-04-02 05:29:18,733 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:29:18,949 INFO sqlalchemy.engine.Engine select current\_schema()

2024-04-02 05:29:18,951 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:29:19,201 INFO sqlalchemy.engine.Engine show standard\_conforming\_strings

2024-04-02 05:29:19,201 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:29:19,420 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2024-04-02 05:29:19,420 INFO sqlalchemy.engine.Engine SELECT pg\_catalog.pg\_class.relname

FROM pg\_catalog.pg\_class JOIN pg\_catalog.pg\_namespace ON pg\_catalog.pg\_namespace.oid = pg\_catalog.pg\_class.relnamespace

WHERE pg\_catalog.pg\_class.relname = %(table\_name)s AND pg\_catalog.pg\_class.relkind = ANY (ARRAY[%(param\_1)s, %(param\_2)s, %(param\_3)s, %(param\_4)s, %(param\_5)s]) AND pg\_catalog.pg\_table\_is\_visible(pg\_catalog.pg\_class.oid) AND pg\_catalog.pg\_namespace.nspname != %(nspname\_1)s

2024-04-02 05:29:19,420 INFO sqlalchemy.engine.Engine [generated in 0.00170s] {'table\_name': 'todo', 'param\_1': 'r', 'param\_2': 'p', 'param\_3': 'f', 'param\_4': 'v', 'param\_5': 'm', 'nspname\_1': 'pg\_catalog'}

2024-04-02 05:29:19,654 INFO sqlalchemy.engine.Engine

CREATE TABLE todo (

id SERIAL NOT NULL,

content VARCHAR NOT NULL,

is\_completed BOOLEAN NOT NULL,

PRIMARY KEY (id)

)

2024-04-02 05:29:19,689 INFO sqlalchemy.engine.Engine [no key 0.04224s] {}

2024-04-02 05:29:19,841 INFO sqlalchemy.engine.Engine CREATE INDEX ix\_todo\_content ON todo (content)

2024-04-02 05:29:19,841 INFO sqlalchemy.engine.Engine [no key 0.00123s] {}

2024-04-02 05:29:19,957 INFO sqlalchemy.engine.Engine COMMIT

2024-04-02 05:29:20,066 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2024-04-02 05:29:20,068 INFO sqlalchemy.engine.Engine INSERT INTO todo (content, is\_completed) SELECT p0::VARCHAR, p1::BOOLEAN FROM (VALUES (%(content\_\_0)s, %(is\_completed\_\_0)s, 0), (%(content\_\_1)s, %(is\_completed\_\_1)s, 1)) AS imp\_sen(p0, p1, sen\_counter) ORDER BY sen\_counter RETURNING todo.id, todo.id AS id\_\_1

2024-04-02 05:29:20,069 INFO sqlalchemy.engine.Engine [generated in 0.00009s (insertmanyvalues) 1/1 (ordered)] {'is\_completed\_\_0': False, 'content\_\_0': 'first task', 'is\_completed\_\_1': False, 'content\_\_1': 'second task'}

2024-04-02 05:29:20,285 INFO sqlalchemy.engine.Engine COMMIT

INFO: Started server process [25120]

INFO: Waiting for application startup.

INFO: Application startup complete.

INFO: 127.0.0.1:53339 - "GET / HTTP/1.1" 200 OK

INFO: 127.0.0.1:53355 - "GET /docs HTTP/1.1" 200 OK

INFO: 127.0.0.1:53355 - "GET /openapi.json HTTP/1.1" 200 OK

INFO: 127.0.0.1:53358 - "GET / HTTP/1.1" 200 OK

WARNING: StatReload detected changes in 'online\_class\main.py'. Reloading...

INFO: Shutting down

INFO: Waiting for application shutdown.

INFO: Application shutdown complete.

INFO: Finished server process [25120]

Process SpawnProcess-1:

Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 118, in run

return self.\_loop.run\_until\_complete(task)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\base\_events.py", line 685, in run\_until\_complete

return future.result()

^^^^^^^^^^^^^^^

asyncio.exceptions.CancelledError

During handling of the above exception, another exception occurred:

Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\multiprocessing\process.py", line 314, in \_bootstrap

self.run()

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\multiprocessing\process.py", line 108, in run

self.\_target(\*self.\_args, \*\*self.\_kwargs)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\\_subprocess.py", line 78, in subprocess\_started

target(sockets=sockets)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\server.py", line 65, in run

return asyncio.run(self.serve(sockets=sockets))

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 194, in run

return runner.run(main)

^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 123, in run

raise KeyboardInterrupt()

KeyboardInterrupt

2024-04-02 05:55:08,666 INFO sqlalchemy.engine.Engine select pg\_catalog.version()

2024-04-02 05:55:08,666 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:55:08,881 INFO sqlalchemy.engine.Engine select current\_schema()

2024-04-02 05:55:08,882 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:55:09,068 INFO sqlalchemy.engine.Engine show standard\_conforming\_strings

2024-04-02 05:55:09,081 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:55:09,276 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2024-04-02 05:55:09,276 INFO sqlalchemy.engine.Engine SELECT pg\_catalog.pg\_class.relname

FROM pg\_catalog.pg\_class JOIN pg\_catalog.pg\_namespace ON pg\_catalog.pg\_namespace.oid = pg\_catalog.pg\_class.relnamespace

WHERE pg\_catalog.pg\_class.relname = %(table\_name)s AND pg\_catalog.pg\_class.relkind = ANY (ARRAY[%(param\_1)s, %(param\_2)s, %(param\_3)s, %(param\_4)s, %(param\_5)s]) AND pg\_catalog.pg\_table\_is\_visible(pg\_catalog.pg\_class.oid) AND pg\_catalog.pg\_namespace.nspname != %(nspname\_1)s

2024-04-02 05:55:09,327 INFO sqlalchemy.engine.Engine [generated in 0.04434s] {'table\_name': 'todo', 'param\_1': 'r', 'param\_2': 'p', 'param\_3': 'f', 'param\_4': 'v', 'param\_5': 'm', 'nspname\_1': 'pg\_catalog'}

2024-04-02 05:55:09,542 INFO sqlalchemy.engine.Engine COMMIT

2024-04-02 05:55:09,642 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2024-04-02 05:55:09,644 INFO sqlalchemy.engine.Engine INSERT INTO todo (content, is\_completed) SELECT p0::VARCHAR, p1::BOOLEAN FROM (VALUES (%(content\_\_0)s, %(is\_completed\_\_0)s, 0), (%(content\_\_1)s, %(is\_completed\_\_1)s, 1)) AS imp\_sen(p0, p1, sen\_counter) ORDER BY sen\_counter RETURNING todo.id, todo.id AS id\_\_1

2024-04-02 05:55:09,644 INFO sqlalchemy.engine.Engine [generated in 0.00007s (insertmanyvalues) 1/1 (ordered)] {'content\_\_0': 'first task', 'is\_completed\_\_0': False, 'content\_\_1': 'second task', 'is\_completed\_\_1': False}

2024-04-02 05:55:09,844 INFO sqlalchemy.engine.Engine COMMIT

INFO: Started server process [76632]

INFO: Waiting for application startup.

INFO: Application startup complete.

WARNING: StatReload detected changes in 'online\_class\main.py'. Reloading...

INFO: Shutting down

INFO: Waiting for application shutdown.

INFO: Application shutdown complete.

INFO: Finished server process [76632]

Process SpawnProcess-2:

Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 118, in run

return self.\_loop.run\_until\_complete(task)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\base\_events.py", line 685, in run\_until\_complete

return future.result()

^^^^^^^^^^^^^^^

asyncio.exceptions.CancelledError

During handling of the above exception, another exception occurred:

Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\multiprocessing\process.py", line 314, in \_bootstrap

self.run()

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\multiprocessing\process.py", line 108, in run

self.\_target(\*self.\_args, \*\*self.\_kwargs)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\\_subprocess.py", line 78, in subprocess\_started

target(sockets=sockets)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\server.py", line 65, in run

return asyncio.run(self.serve(sockets=sockets))

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 194, in run

return runner.run(main)

^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 123, in run

raise KeyboardInterrupt()

KeyboardInterrupt

Process SpawnProcess-3:

Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\multiprocessing\process.py", line 314, in \_bootstrap

self.run()

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\multiprocessing\process.py", line 108, in run

self.\_target(\*self.\_args, \*\*self.\_kwargs)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\\_subprocess.py", line 78, in subprocess\_started

target(sockets=sockets)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\server.py", line 65, in run

return asyncio.run(self.serve(sockets=sockets))

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 194, in run

return runner.run(main)

^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 118, in run

return self.\_loop.run\_until\_complete(task)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\base\_events.py", line 685, in run\_until\_complete

return future.result()

^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\server.py", line 69, in serve

await self.\_serve(sockets)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\server.py", line 76, in \_serve

config.load()

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\config.py", line 433, in load

self.loaded\_app = import\_from\_string(self.app)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\importer.py", line 19, in import\_from\_string

module = importlib.import\_module(module\_str)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\importlib\\_\_init\_\_.py", line 90, in import\_module

return \_bootstrap.\_gcd\_import(name[level:], package, level)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "<frozen importlib.\_bootstrap>", line 1387, in \_gcd\_import

File "<frozen importlib.\_bootstrap>", line 1360, in \_find\_and\_load

File "<frozen importlib.\_bootstrap>", line 1331, in \_find\_and\_load\_unlocked

File "<frozen importlib.\_bootstrap>", line 935, in \_load\_unlocked

File "<frozen importlib.\_bootstrap\_external>", line 991, in exec\_module

File "<frozen importlib.\_bootstrap\_external>", line 1129, in get\_code

File "<frozen importlib.\_bootstrap\_external>", line 1059, in source\_to\_code

File "<frozen importlib.\_bootstrap>", line 488, in \_call\_with\_frames\_removed

File "D:\learn\_generative\_ai\online-class\online\_class\main.py", line 28

session.

^

SyntaxError: invalid syntax

WARNING: StatReload detected changes in 'online\_class\main.py'. Reloading...

WARNING: StatReload detected changes in 'online\_class\main.py'. Reloading...

2024-04-02 05:55:42,577 INFO sqlalchemy.engine.Engine select pg\_catalog.version()

2024-04-02 05:55:42,577 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:55:42,780 INFO sqlalchemy.engine.Engine select current\_schema()

2024-04-02 05:55:42,780 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:55:42,992 INFO sqlalchemy.engine.Engine show standard\_conforming\_strings

2024-04-02 05:55:42,992 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:55:43,218 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2024-04-02 05:55:43,222 INFO sqlalchemy.engine.Engine SELECT pg\_catalog.pg\_class.relname

FROM pg\_catalog.pg\_class JOIN pg\_catalog.pg\_namespace ON pg\_catalog.pg\_namespace.oid = pg\_catalog.pg\_class.relnamespace

WHERE pg\_catalog.pg\_class.relname = %(table\_name)s AND pg\_catalog.pg\_class.relkind = ANY (ARRAY[%(param\_1)s, %(param\_2)s, %(param\_3)s, %(param\_4)s, %(param\_5)s]) AND pg\_catalog.pg\_table\_is\_visible(pg\_catalog.pg\_class.oid) AND pg\_catalog.pg\_namespace.nspname != %(nspname\_1)s

2024-04-02 05:55:43,223 INFO sqlalchemy.engine.Engine [generated in 0.00101s] {'table\_name': 'todo', 'param\_1': 'r', 'param\_2': 'p', 'param\_3': 'f', 'param\_4': 'v', 'param\_5': 'm', 'nspname\_1': 'pg\_catalog'}

2024-04-02 05:55:43,433 INFO sqlalchemy.engine.Engine COMMIT

2024-04-02 05:55:43,530 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2024-04-02 05:55:43,530 INFO sqlalchemy.engine.Engine INSERT INTO todo (content, is\_completed) SELECT p0::VARCHAR, p1::BOOLEAN FROM (VALUES (%(content\_\_0)s, %(is\_completed\_\_0)s, 0), (%(content\_\_1)s, %(is\_completed\_\_1)s, 1)) AS imp\_sen(p0, p1, sen\_counter) ORDER BY sen\_counter RETURNING todo.id, todo.id AS id\_\_1

2024-04-02 05:55:43,530 INFO sqlalchemy.engine.Engine [generated in 0.00007s (insertmanyvalues) 1/1 (ordered)] {'content\_\_0': 'first task', 'is\_completed\_\_0': False, 'content\_\_1': 'second task', 'is\_completed\_\_1': False}

2024-04-02 05:55:43,762 INFO sqlalchemy.engine.Engine COMMIT

Process SpawnProcess-4:

Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\multiprocessing\process.py", line 314, in \_bootstrap

self.run()

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\multiprocessing\process.py", line 108, in run

self.\_target(\*self.\_args, \*\*self.\_kwargs)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\\_subprocess.py", line 78, in subprocess\_started

target(sockets=sockets)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\server.py", line 65, in run

return asyncio.run(self.serve(sockets=sockets))

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 194, in run

return runner.run(main)

^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 118, in run

return self.\_loop.run\_until\_complete(task)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\base\_events.py", line 685, in run\_until\_complete

return future.result()

^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\server.py", line 69, in serve

await self.\_serve(sockets)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\server.py", line 76, in \_serve

config.load()

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\config.py", line 433, in load

self.loaded\_app = import\_from\_string(self.app)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\importer.py", line 19, in import\_from\_string

module = importlib.import\_module(module\_str)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\importlib\\_\_init\_\_.py", line 90, in import\_module

return \_bootstrap.\_gcd\_import(name[level:], package, level)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "<frozen importlib.\_bootstrap>", line 1387, in \_gcd\_import

File "<frozen importlib.\_bootstrap>", line 1360, in \_find\_and\_load

File "<frozen importlib.\_bootstrap>", line 1331, in \_find\_and\_load\_unlocked

File "<frozen importlib.\_bootstrap>", line 935, in \_load\_unlocked

File "<frozen importlib.\_bootstrap\_external>", line 995, in exec\_module

File "<frozen importlib.\_bootstrap>", line 488, in \_call\_with\_frames\_removed

File "D:\learn\_generative\_ai\online-class\online\_class\main.py", line 28, in <module>

session.refresh

^^^^^^^^^^^

AttributeError: 'Session' object has no attribute 'ref'

WARNING: StatReload detected changes in 'online\_class\main.py'. Reloading...

2024-04-02 05:55:46,494 INFO sqlalchemy.engine.Engine select pg\_catalog.version()

2024-04-02 05:55:46,494 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:55:46,720 INFO sqlalchemy.engine.Engine select current\_schema()

2024-04-02 05:55:46,723 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:55:46,945 INFO sqlalchemy.engine.Engine show standard\_conforming\_strings

2024-04-02 05:55:46,945 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:55:47,161 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2024-04-02 05:55:47,176 INFO sqlalchemy.engine.Engine SELECT pg\_catalog.pg\_class.relname

FROM pg\_catalog.pg\_class JOIN pg\_catalog.pg\_namespace ON pg\_catalog.pg\_namespace.oid = pg\_catalog.pg\_class.relnamespace

WHERE pg\_catalog.pg\_class.relname = %(table\_name)s AND pg\_catalog.pg\_class.relkind = ANY (ARRAY[%(param\_1)s, %(param\_2)s, %(param\_3)s, %(param\_4)s, %(param\_5)s]) AND pg\_catalog.pg\_table\_is\_visible(pg\_catalog.pg\_class.oid) AND pg\_catalog.pg\_namespace.nspname != %(nspname\_1)s

2024-04-02 05:55:47,180 INFO sqlalchemy.engine.Engine [generated in 0.00209s] {'table\_name': 'todo', 'param\_1': 'r', 'param\_2': 'p', 'param\_3': 'f', 'param\_4': 'v', 'param\_5': 'm', 'nspname\_1': 'pg\_catalog'}

2024-04-02 05:55:47,395 INFO sqlalchemy.engine.Engine COMMIT

2024-04-02 05:55:47,517 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2024-04-02 05:55:47,519 INFO sqlalchemy.engine.Engine INSERT INTO todo (content, is\_completed) SELECT p0::VARCHAR, p1::BOOLEAN FROM (VALUES (%(content\_\_0)s, %(is\_completed\_\_0)s, 0), (%(content\_\_1)s, %(is\_completed\_\_1)s, 1)) AS imp\_sen(p0, p1, sen\_counter) ORDER BY sen\_counter RETURNING todo.id, todo.id AS id\_\_1

2024-04-02 05:55:47,520 INFO sqlalchemy.engine.Engine [generated in 0.00007s (insertmanyvalues) 1/1 (ordered)] {'content\_\_0': 'first task', 'is\_completed\_\_0': False, 'content\_\_1': 'second task', 'is\_completed\_\_1': False}

2024-04-02 05:55:47,731 INFO sqlalchemy.engine.Engine COMMIT

INFO: Started server process [64464]

INFO: Waiting for application startup.

INFO: Application startup complete.

ERROR: Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 118, in run

return self.\_loop.run\_until\_complete(task)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\base\_events.py", line 685, in run\_until\_complete

return future.result()

^^^^^^^^^^^^^^^

asyncio.exceptions.CancelledError

During handling of the above exception, another exception occurred:

Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 194, in run

return runner.run(main)

^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 123, in run

raise KeyboardInterrupt()

KeyboardInterrupt

During handling of the above exception, another exception occurred:

Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\starlette\routing.py", line 743, in lifespan

await receive()

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\lifespan\on.py", line 137, in receive

return await self.receive\_queue.get()

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\queues.py", line 158, in get

await getter

asyncio.exceptions.CancelledError

Process SpawnProcess-5:

Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 118, in run

return self.\_loop.run\_until\_complete(task)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\base\_events.py", line 685, in run\_until\_complete

return future.result()

^^^^^^^^^^^^^^^

asyncio.exceptions.CancelledError

During handling of the above exception, another exception occurred:

Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\multiprocessing\process.py", line 314, in \_bootstrap

self.run()

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\multiprocessing\process.py", line 108, in run

self.\_target(\*self.\_args, \*\*self.\_kwargs)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\\_subprocess.py", line 78, in subprocess\_started

target(sockets=sockets)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\server.py", line 65, in run

return asyncio.run(self.serve(sockets=sockets))

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 194, in run

return runner.run(main)

^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 123, in run

raise KeyboardInterrupt()

KeyboardInterrupt

WARNING: StatReload detected changes in 'online\_class\main.py'. Reloading...

2024-04-02 05:55:50,231 INFO sqlalchemy.engine.Engine select pg\_catalog.version()

2024-04-02 05:55:50,231 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:55:50,438 INFO sqlalchemy.engine.Engine select current\_schema()

2024-04-02 05:55:50,438 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:55:50,629 INFO sqlalchemy.engine.Engine show standard\_conforming\_strings

2024-04-02 05:55:50,629 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:55:50,830 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2024-04-02 05:55:50,843 INFO sqlalchemy.engine.Engine SELECT pg\_catalog.pg\_class.relname

FROM pg\_catalog.pg\_class JOIN pg\_catalog.pg\_namespace ON pg\_catalog.pg\_namespace.oid = pg\_catalog.pg\_class.relnamespace

WHERE pg\_catalog.pg\_class.relname = %(table\_name)s AND pg\_catalog.pg\_class.relkind = ANY (ARRAY[%(param\_1)s, %(param\_2)s, %(param\_3)s, %(param\_4)s, %(param\_5)s]) AND pg\_catalog.pg\_table\_is\_visible(pg\_catalog.pg\_class.oid) AND pg\_catalog.pg\_namespace.nspname != %(nspname\_1)s

2024-04-02 05:55:50,845 INFO sqlalchemy.engine.Engine [generated in 0.00207s] {'table\_name': 'todo', 'param\_1': 'r', 'param\_2': 'p', 'param\_3': 'f', 'param\_4': 'v', 'param\_5': 'm', 'nspname\_1': 'pg\_catalog'}

2024-04-02 05:55:51,041 INFO sqlalchemy.engine.Engine COMMIT

2024-04-02 05:55:51,142 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2024-04-02 05:55:51,145 INFO sqlalchemy.engine.Engine INSERT INTO todo (content, is\_completed) SELECT p0::VARCHAR, p1::BOOLEAN FROM (VALUES (%(content\_\_0)s, %(is\_completed\_\_0)s, 0), (%(content\_\_1)s, %(is\_completed\_\_1)s, 1)) AS imp\_sen(p0, p1, sen\_counter) ORDER BY sen\_counter RETURNING todo.id, todo.id AS id\_\_1

2024-04-02 05:55:51,145 INFO sqlalchemy.engine.Engine [generated in 0.00009s (insertmanyvalues) 1/1 (ordered)] {'content\_\_0': 'first task', 'is\_completed\_\_0': False, 'content\_\_1': 'second task', 'is\_completed\_\_1': False}

2024-04-02 05:55:51,340 INFO sqlalchemy.engine.Engine COMMIT

Process SpawnProcess-6:

Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\multiprocessing\process.py", line 314, in \_bootstrap

self.run()

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\multiprocessing\process.py", line 108, in run

self.\_target(\*self.\_args, \*\*self.\_kwargs)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\\_subprocess.py", line 78, in subprocess\_started

target(sockets=sockets)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\server.py", line 65, in run

return asyncio.run(self.serve(sockets=sockets))

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 194, in run

return runner.run(main)

^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 118, in run

return self.\_loop.run\_until\_complete(task)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\base\_events.py", line 685, in run\_until\_complete

return future.result()

^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\server.py", line 69, in serve

await self.\_serve(sockets)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\server.py", line 76, in \_serve

config.load()

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\config.py", line 433, in load

self.loaded\_app = import\_from\_string(self.app)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\importer.py", line 19, in import\_from\_string

module = importlib.import\_module(module\_str)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\importlib\\_\_init\_\_.py", line 90, in import\_module

return \_bootstrap.\_gcd\_import(name[level:], package, level)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "<frozen importlib.\_bootstrap>", line 1387, in \_gcd\_import

File "<frozen importlib.\_bootstrap>", line 1360, in \_find\_and\_load

File "<frozen importlib.\_bootstrap>", line 1331, in \_find\_and\_load\_unlocked

File "<frozen importlib.\_bootstrap>", line 935, in \_load\_unlocked

File "<frozen importlib.\_bootstrap\_external>", line 995, in exec\_module

File "<frozen importlib.\_bootstrap>", line 488, in \_call\_with\_frames\_removed

File "D:\learn\_generative\_ai\online-class\online\_class\main.py", line 28, in <module>

session.refresh(todo1)

^^^^

NameError: name 'todo' is not defined. Did you mean: 'Todo'?

2024-04-02 05:55:53,912 INFO sqlalchemy.engine.Engine select pg\_catalog.version()

2024-04-02 05:55:53,943 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:55:54,219 INFO sqlalchemy.engine.Engine select current\_schema()

2024-04-02 05:55:54,220 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:55:54,461 INFO sqlalchemy.engine.Engine show standard\_conforming\_strings

2024-04-02 05:55:54,461 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:55:54,734 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2024-04-02 05:55:54,734 INFO sqlalchemy.engine.Engine SELECT pg\_catalog.pg\_class.relname

FROM pg\_catalog.pg\_class JOIN pg\_catalog.pg\_namespace ON pg\_catalog.pg\_namespace.oid = pg\_catalog.pg\_class.relnamespace

WHERE pg\_catalog.pg\_class.relname = %(table\_name)s AND pg\_catalog.pg\_class.relkind = ANY (ARRAY[%(param\_1)s, %(param\_2)s, %(param\_3)s, %(param\_4)s, %(param\_5)s]) AND pg\_catalog.pg\_table\_is\_visible(pg\_catalog.pg\_class.oid) AND pg\_catalog.pg\_namespace.nspname != %(nspname\_1)s

2024-04-02 05:55:54,743 INFO sqlalchemy.engine.Engine [generated in 0.00132s] {'table\_name': 'todo', 'param\_1': 'r', 'param\_2': 'p', 'param\_3': 'f', 'param\_4': 'v', 'param\_5': 'm', 'nspname\_1': 'pg\_catalog'}

2024-04-02 05:55:55,061 INFO sqlalchemy.engine.Engine COMMIT

2024-04-02 05:55:55,167 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2024-04-02 05:55:55,167 INFO sqlalchemy.engine.Engine INSERT INTO todo (content, is\_completed) SELECT p0::VARCHAR, p1::BOOLEAN FROM (VALUES (%(content\_\_0)s, %(is\_completed\_\_0)s, 0), (%(content\_\_1)s, %(is\_completed\_\_1)s, 1)) AS imp\_sen(p0, p1, sen\_counter) ORDER BY sen\_counter RETURNING todo.id, todo.id AS id\_\_1

2024-04-02 05:55:55,167 INFO sqlalchemy.engine.Engine [generated in 0.00007s (insertmanyvalues) 1/1 (ordered)] {'content\_\_0': 'first task', 'is\_completed\_\_0': False, 'content\_\_1': 'second task', 'is\_completed\_\_1': False}

2024-04-02 05:55:55,522 INFO sqlalchemy.engine.Engine COMMIT

2024-04-02 05:55:55,733 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2024-04-02 05:55:55,775 INFO sqlalchemy.engine.Engine SELECT todo.id, todo.content, todo.is\_completed

FROM todo

WHERE todo.id = %(pk\_1)s

2024-04-02 05:55:55,775 INFO sqlalchemy.engine.Engine [generated in 0.00065s] {'pk\_1': 11}

2024-04-02 05:55:56,149 INFO sqlalchemy.engine.Engine ROLLBACK

INFO: Started server process [75288]

INFO: Waiting for application startup.

INFO: Application startup complete.

WARNING: StatReload detected changes in 'online\_class\main.py'. Reloading...

INFO: Shutting down

INFO: Waiting for application shutdown.

INFO: Application shutdown complete.

INFO: Finished server process [75288]

Process SpawnProcess-7:

Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 118, in run

return self.\_loop.run\_until\_complete(task)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\base\_events.py", line 685, in run\_until\_complete

return future.result()

^^^^^^^^^^^^^^^

asyncio.exceptions.CancelledError

During handling of the above exception, another exception occurred:

Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\multiprocessing\process.py", line 314, in \_bootstrap

self.run()

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\multiprocessing\process.py", line 108, in run

self.\_target(\*self.\_args, \*\*self.\_kwargs)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\\_subprocess.py", line 78, in subprocess\_started

target(sockets=sockets)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\server.py", line 65, in run

return asyncio.run(self.serve(sockets=sockets))

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 194, in run

return runner.run(main)

^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 123, in run

raise KeyboardInterrupt()

KeyboardInterrupt

WARNING: StatReload detected changes in 'online\_class\main.py'. Reloading...

2024-04-02 05:56:20,160 INFO sqlalchemy.engine.Engine select pg\_catalog.version()

2024-04-02 05:56:20,161 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:56:20,377 INFO sqlalchemy.engine.Engine select current\_schema()

2024-04-02 05:56:20,377 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:56:20,577 INFO sqlalchemy.engine.Engine show standard\_conforming\_strings

2024-04-02 05:56:20,577 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:56:20,791 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2024-04-02 05:56:20,791 INFO sqlalchemy.engine.Engine SELECT pg\_catalog.pg\_class.relname

FROM pg\_catalog.pg\_class JOIN pg\_catalog.pg\_namespace ON pg\_catalog.pg\_namespace.oid = pg\_catalog.pg\_class.relnamespace

WHERE pg\_catalog.pg\_class.relname = %(table\_name)s AND pg\_catalog.pg\_class.relkind = ANY (ARRAY[%(param\_1)s, %(param\_2)s, %(param\_3)s, %(param\_4)s, %(param\_5)s]) AND pg\_catalog.pg\_table\_is\_visible(pg\_catalog.pg\_class.oid) AND pg\_catalog.pg\_namespace.nspname != %(nspname\_1)s

2024-04-02 05:56:20,807 INFO sqlalchemy.engine.Engine [generated in 0.00212s] {'table\_name': 'todo', 'param\_1': 'r', 'param\_2': 'p', 'param\_3': 'f', 'param\_4': 'v', 'param\_5': 'm', 'nspname\_1': 'pg\_catalog'}

2024-04-02 05:56:21,007 INFO sqlalchemy.engine.Engine COMMIT

2024-04-02 05:56:21,124 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2024-04-02 05:56:21,127 INFO sqlalchemy.engine.Engine INSERT INTO todo (content, is\_completed) SELECT p0::VARCHAR, p1::BOOLEAN FROM (VALUES (%(content\_\_0)s, %(is\_completed\_\_0)s, 0), (%(content\_\_1)s, %(is\_completed\_\_1)s, 1)) AS imp\_sen(p0, p1, sen\_counter) ORDER BY sen\_counter RETURNING todo.id, todo.id AS id\_\_1

2024-04-02 05:56:21,127 INFO sqlalchemy.engine.Engine [generated in 0.00016s (insertmanyvalues) 1/1 (ordered)] {'is\_completed\_\_0': False, 'content\_\_0': 'first task', 'is\_completed\_\_1': False, 'content\_\_1': 'second task'}

2024-04-02 05:56:21,348 INFO sqlalchemy.engine.Engine COMMIT

2024-04-02 05:56:21,448 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2024-04-02 05:56:21,448 INFO sqlalchemy.engine.Engine SELECT todo.id, todo.content, todo.is\_completed

FROM todo

WHERE todo.id = %(pk\_1)s

2024-04-02 05:56:21,448 INFO sqlalchemy.engine.Engine [generated in 0.00091s] {'pk\_1': 13}

2024-04-02 05:56:21,663 INFO sqlalchemy.engine.Engine ROLLBACK

Process SpawnProcess-8:

Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\multiprocessing\process.py", line 314, in \_bootstrap

self.run()

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\multiprocessing\process.py", line 108, in run

self.\_target(\*self.\_args, \*\*self.\_kwargs)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\\_subprocess.py", line 78, in subprocess\_started

target(sockets=sockets)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\server.py", line 65, in run

return asyncio.run(self.serve(sockets=sockets))

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 194, in run

return runner.run(main)

^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 118, in run

return self.\_loop.run\_until\_complete(task)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\base\_events.py", line 685, in run\_until\_complete

return future.result()

^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\server.py", line 69, in serve

await self.\_serve(sockets)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\server.py", line 76, in \_serve

config.load()

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\config.py", line 433, in load

self.loaded\_app = import\_from\_string(self.app)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\importer.py", line 19, in import\_from\_string

module = importlib.import\_module(module\_str)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\importlib\\_\_init\_\_.py", line 90, in import\_module

return \_bootstrap.\_gcd\_import(name[level:], package, level)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "<frozen importlib.\_bootstrap>", line 1387, in \_gcd\_import

File "<frozen importlib.\_bootstrap>", line 1360, in \_find\_and\_load

File "<frozen importlib.\_bootstrap>", line 1331, in \_find\_and\_load\_unlocked

File "<frozen importlib.\_bootstrap>", line 935, in \_load\_unlocked

File "<frozen importlib.\_bootstrap\_external>", line 995, in exec\_module

File "<frozen importlib.\_bootstrap>", line 488, in \_call\_with\_frames\_removed

File "D:\learn\_generative\_ai\online-class\online\_class\main.py", line 29, in <module>

session.close

^^^^^^^^^

AttributeError: 'Session' object has no attribute 'c'

WARNING: StatReload detected changes in 'online\_class\main.py'. Reloading...

2024-04-02 05:56:23,914 INFO sqlalchemy.engine.Engine select pg\_catalog.version()

2024-04-02 05:56:23,915 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:56:24,127 INFO sqlalchemy.engine.Engine select current\_schema()

2024-04-02 05:56:24,128 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:56:24,338 INFO sqlalchemy.engine.Engine show standard\_conforming\_strings

2024-04-02 05:56:24,338 INFO sqlalchemy.engine.Engine [raw sql] {}

2024-04-02 05:56:24,543 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2024-04-02 05:56:24,559 INFO sqlalchemy.engine.Engine SELECT pg\_catalog.pg\_class.relname

FROM pg\_catalog.pg\_class JOIN pg\_catalog.pg\_namespace ON pg\_catalog.pg\_namespace.oid = pg\_catalog.pg\_class.relnamespace

WHERE pg\_catalog.pg\_class.relname = %(table\_name)s AND pg\_catalog.pg\_class.relkind = ANY (ARRAY[%(param\_1)s, %(param\_2)s, %(param\_3)s, %(param\_4)s, %(param\_5)s]) AND pg\_catalog.pg\_table\_is\_visible(pg\_catalog.pg\_class.oid) AND pg\_catalog.pg\_namespace.nspname != %(nspname\_1)s

2024-04-02 05:56:24,559 INFO sqlalchemy.engine.Engine [generated in 0.00154s] {'table\_name': 'todo', 'param\_1': 'r', 'param\_2': 'p', 'param\_3': 'f', 'param\_4': 'v', 'param\_5': 'm', 'nspname\_1': 'pg\_catalog'}

2024-04-02 05:56:24,786 INFO sqlalchemy.engine.Engine COMMIT

2024-04-02 05:56:24,896 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2024-04-02 05:56:24,898 INFO sqlalchemy.engine.Engine INSERT INTO todo (content, is\_completed) SELECT p0::VARCHAR, p1::BOOLEAN FROM (VALUES (%(content\_\_0)s, %(is\_completed\_\_0)s, 0), (%(content\_\_1)s, %(is\_completed\_\_1)s, 1)) AS imp\_sen(p0, p1, sen\_counter) ORDER BY sen\_counter RETURNING todo.id, todo.id AS id\_\_1

2024-04-02 05:56:24,899 INFO sqlalchemy.engine.Engine [generated in 0.00007s (insertmanyvalues) 1/1 (ordered)] {'is\_completed\_\_0': False, 'content\_\_0': 'first task', 'is\_completed\_\_1': False, 'content\_\_1': 'second task'}

2024-04-02 05:56:25,106 INFO sqlalchemy.engine.Engine COMMIT

2024-04-02 05:56:25,225 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2024-04-02 05:56:25,226 INFO sqlalchemy.engine.Engine SELECT todo.id, todo.content, todo.is\_completed

FROM todo

WHERE todo.id = %(pk\_1)s

2024-04-02 05:56:25,226 INFO sqlalchemy.engine.Engine [generated in 0.00050s] {'pk\_1': 15}

2024-04-02 05:56:25,439 INFO sqlalchemy.engine.Engine ROLLBACK

INFO: Started server process [14200]

INFO: Waiting for application startup.

INFO: Application startup complete.

ERROR: Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 118, in run

return self.\_loop.run\_until\_complete(task)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\base\_events.py", line 685, in run\_until\_complete

return future.result()

^^^^^^^^^^^^^^^

asyncio.exceptions.CancelledError

During handling of the above exception, another exception occurred:

Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 194, in run

return runner.run(main)

^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 123, in run

raise KeyboardInterrupt()

KeyboardInterrupt

During handling of the above exception, another exception occurred:

Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\starlette\routing.py", line 743, in lifespan

await receive()

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\lifespan\on.py", line 137, in receive

return await self.receive\_queue.get()

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\queues.py", line 158, in get

await getter

asyncio.exceptions.CancelledError

Process SpawnProcess-9:

Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\runners.py", line 118, in run

return self.\_loop.run\_until\_complete(task)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\asyncio\base\_events.py", line 685, in run\_until\_complete

return future.result()

^^^^^^^^^^^^^^^

asyncio.exceptions.CancelledError

During handling of the above exception, another exception occurred:

Traceback (most recent call last):

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\multiprocessing\process.py", line 314, in \_bootstrap

self.run()

File "C:\Users\hp\AppData\Local\Programs\Python\Python312\Lib\multiprocessing\process.py", line 108, in run

self.\_target(\*self.\_args, \*\*self.\_kwargs)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online-class-Xd5VFnmR-py3.12\Lib\site-packages\uvicorn\\_subprocess.py", line 78, in subprocess\_started

target(sockets=sockets)

File "C:\Users\hp\AppData\Local\pypoetry\Cache\virtualenvs\online