

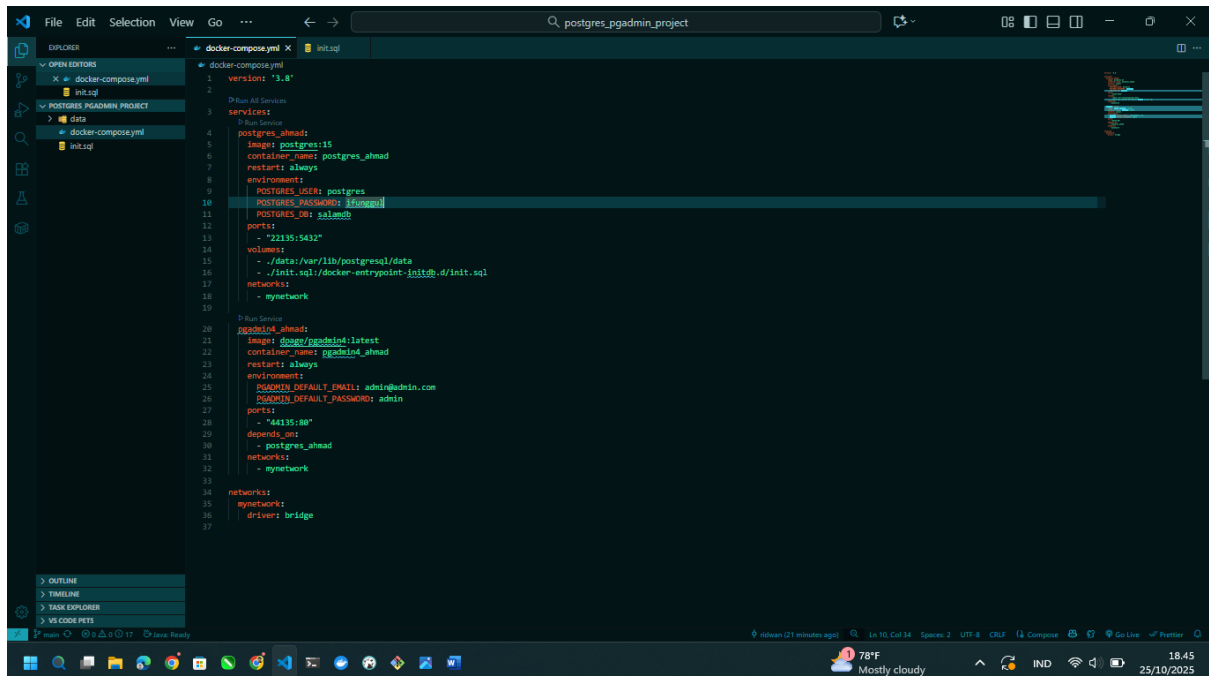
# UTS MENEJEMEN BASIS DATA

NAMA : AHMAD RIDWAN

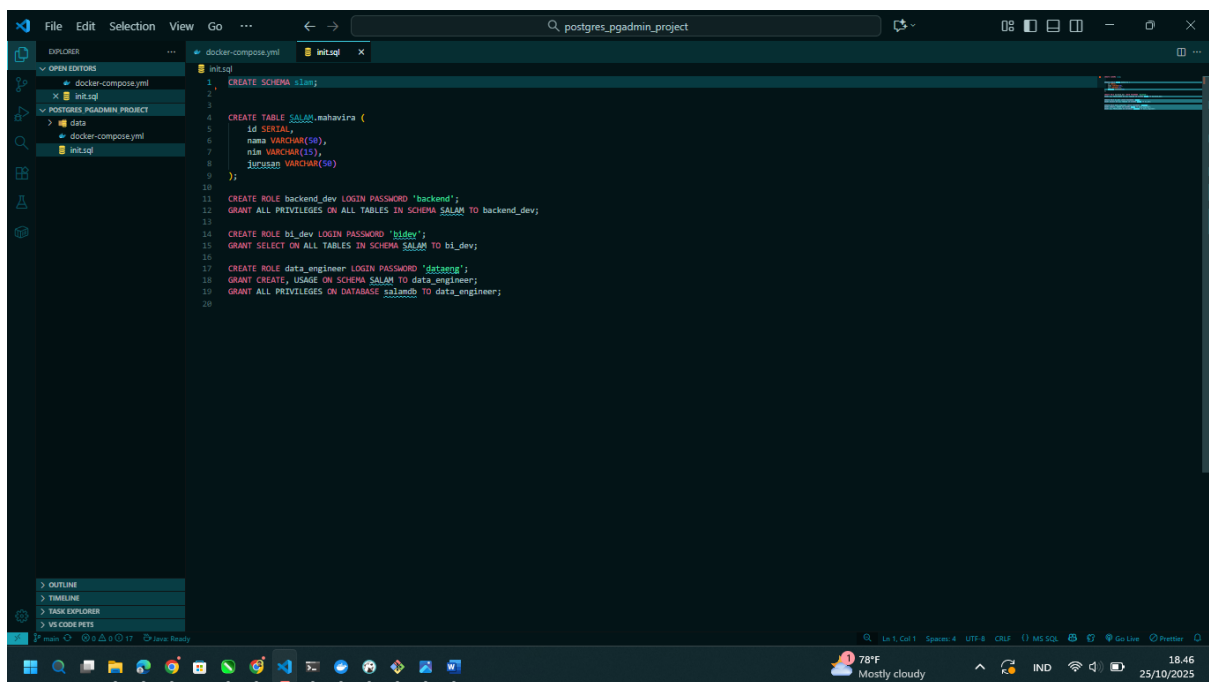
NIM : 1237050135

KELAS : A

## JAWABAN



```
1 version: '3.8'
2
3 services:
4   postgres_ahmad:
5     image: postgres:15
6     container_name: postgres_ahmad
7     restart: always
8     environment:
9       POSTGRES_USER: postgres
10      POSTGRES_PASSWORD: 12345678
11      POSTGRES_DB: salambd
12     ports:
13       - "22135:5432"
14     volumes:
15       - ./data:/var/lib/postgresql/data
16       - ./init.sql:/docker-entrypoint-initdb.d/init.sql
17     networks:
18       - mynetwork
19
20   pgadmin_ahmad:
21     image: dpage/pgadmin4:latest
22     container_name: pgadmin_ahmad
23     restart: always
24     environment:
25       PGADMIN_DEFAULT_EMAIL: admin@adein.com
26       PGADMIN_DEFAULT_PASSWORD: admin
27     ports:
28       - "44135:80"
29     depends_on:
30       - postgres_ahmad
31     networks:
32       - mynetwork
33
34 networks:
35   mynetwork:
36     driver: bridge
```



```
1 CREATE SCHEMA salam;
2
3
4 CREATE TABLE SALAM_mahavira (
5   id SERIAL,
6   nama VARCHAR(50),
7   nim VARCHAR(15),
8   jurusan VARCHAR(50)
9 );
10
11 CREATE ROLE backend_dev LOGIN PASSWORD 'backend';
12 GRANT ALL PRIVILEGES ON ALL TABLES IN SCHEMA SALAM TO backend_dev;
13
14 CREATE ROLE bi_dev LOGIN PASSWORD 'bi-dev';
15 GRANT SELECT ON ALL TABLES IN SCHEMA SALAM TO bi_dev;
16
17 CREATE ROLE data_engineer LOGIN PASSWORD 'dataeng';
18 GRANT CREATE, USAGE ON SCHEMA SALAM TO data_engineer;
19 GRANT ALL PRIVILEGES ON DATABASE salamdb TO data_engineer;
20
```

