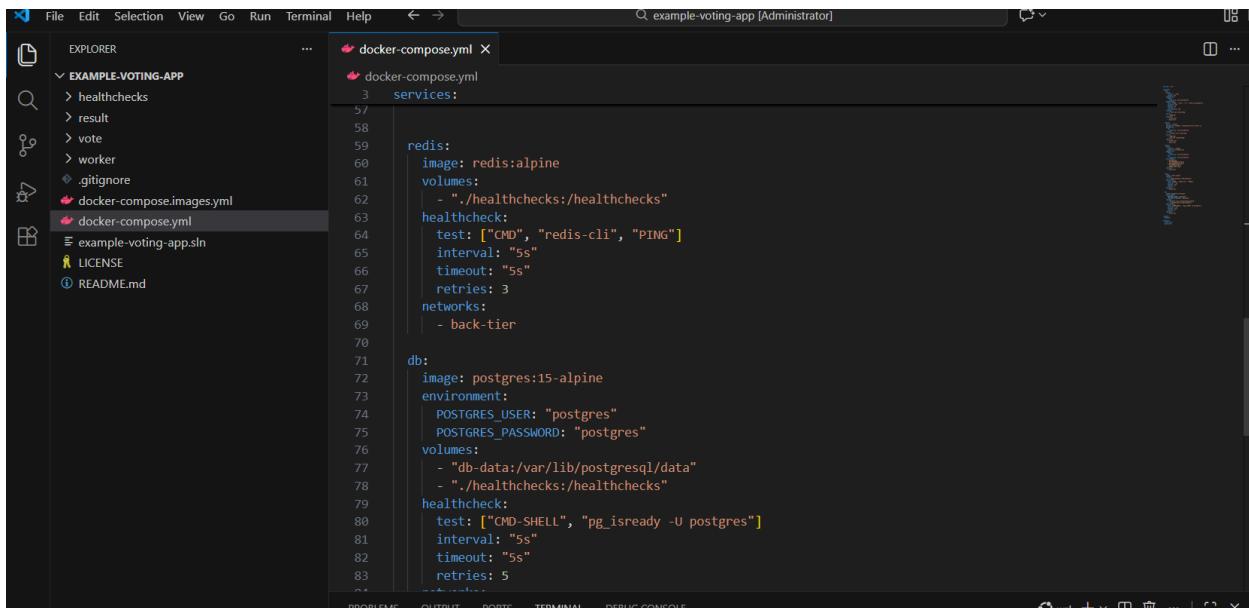


LAB - Micro-services with Compose | Voting App

TASK 2 – Writing the Docker Compose File

```
vijayagagla@DESKTOP-FP4OP26:~/Docker/example-voting-app$ ls -la
total 64
drwxr-xr-x 7 vijayagagla vijayagagla 4096 Feb  5 11:11 .
drwxr-xr-x 8 vijayagagla vijayagagla 4096 Feb  5 11:11 ..
drwxr-xr-x 8 vijayagagla vijayagagla 4096 Feb  5 11:11 .git
-rw-r--r-- 1 vijayagagla vijayagagla   53 Feb  5 11:11 .gitignore
-rw-r--r-- 1 vijayagagla vijayagagla 10758 Feb  5 11:11 LICENSE
-rw-r--r-- 1 vijayagagla vijayagagla 5463 Feb  5 11:11 README.md
-rw-r--r-- 1 vijayagagla vijayagagla 1379 Feb  5 11:11 docker-compose.images.yml
-rw-r--r-- 1 vijayagagla vijayagagla 1757 Feb  5 11:14 docker-compose.yml
-rw-r--r-- 1 vijayagagla vijayagagla 1095 Feb  5 11:11 example-voting-app.sln
drwxr-xr-x 2 vijayagagla vijayagagla 4096 Feb  5 11:11 healthchecks
drwxr-xr-x 3 vijayagagla vijayagagla 4096 Feb  5 11:11 result
drwxr-xr-x 4 vijayagagla vijayagagla 4096 Feb  5 11:11 vote
drwxr-xr-x 2 vijayagagla vijayagagla 4096 Feb  5 11:11 worker
vijayagagla@DESKTOP-FP4OP26:~/Docker/example-voting-app$
```



The screenshot shows the Visual Studio Code (VS Code) interface with the following details:

- File Explorer:** On the left, it shows the project structure under "EXAMPLE-VOTING-APP". The files listed are: healthchecks, result, vote, worker, .gitignore, docker-compose.images.yml, docker-compose.yml (which is currently selected), example-voting-app.sln, LICENSE, and README.md.
- Code Editor:** The main area displays the content of the "docker-compose.yml" file. The code defines two services: "redis" and "db".

```
version: '3'
services:
  redis:
    image: redis:alpine
    volumes:
      - ".healthchecks:/healthchecks"
    healthcheck:
      test: ["CMD", "redis-cli", "PING"]
      interval: "5s"
      timeout: "5s"
      retries: 3
    networks:
      - back-tier
  db:
    image: postgres:15-alpine
    environment:
      POSTGRES_USER: "postgres"
      POSTGRES_PASSWORD: "postgres"
    volumes:
      - "db-data:/var/lib/postgresql/data"
      - ".healthchecks:/healthchecks"
    healthcheck:
      test: ["CMD-SHELL", "pg_isready -U postgres"]
      interval: "5s"
      timeout: "5s"
      retries: 5
```

- Bottom Status Bar:** Shows tabs for PROBLEMS, OUTPUT, PORTS, TERMINAL, and DEBUG CONSOLE.

```
vijayagagla@DESKTOP-FP4OP26:~/Docker/example-voting-app$ docker compose up -d
WARN[0000] /home/vijayagagla/Docker/example-voting-app/docker-compose.yml: the attribute `version` is obsolete, it will be ignored,
please remove it to avoid potential confusion
[+] Running 7/7
 ✓ Network example-voting-app_front-tier  Created                                0.0s
 ✓ Network example-voting-app_back-tier  Created                                0.0s
 ✓ Container example-voting-app-redis-1  Healthy                               6.0s
 ✓ Container example-voting-app-db-1    Healthy                               6.0s
 ✓ Container example-voting-app-result-1 Started                             6.4s
 ✓ Container example-voting-app-worker-1 Started                             6.3s
 ✓ Container example-voting-app-vote-1   Started                             6.7s
vijayagagla@DESKTOP-FP4OP26:~/Docker/example-voting-app$
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
33e2c5f46b88	example-voting-app-vote	"python app.py"	7 minutes ago	Up 7 minutes (healthy)	0.0.0.0:7080->80/tcp, [::]:7080->80/tcp
1e34f0dad83b	example-voting-app-worker	"dotnet Worker.dll"	7 minutes ago	Up 7 minutes	
5c3803f7ed74	example-voting-app-result	"nodemon --inspect=0..."	7 minutes ago	Up 7 minutes	127.0.0.1:9229->9229/tcp, 0.0.0.0:7081->80/tcp, [::]:7081->80/tcp
f047658c0df9	redis:alpine	"docker-entrypoint.s..."	7 minutes ago	Up 7 minutes (healthy)	6379/tcp
4f9fe4efaae7	postgres:15-alpine	"docker-entrypoint.s..."	7 minutes ago	Up 7 minutes (healthy)	5432/tcp
	example-voting-app-db-1				

← → ⌂ localhost:7080

Leiter/in - ITIT-Proje... GitHub Flow Git » A successful Git bra... PMP Practice Exam... GitHub - danielboh... Me Catalina(Tomcat) Cu... Apache Tomcat Har... redirect - Tom...

Cats vs Dogs!

CATS

DOGS

(Tip: you can change your vote)

Processed by container ID
33e2c5f46b88

