Лабораториска вежба 3

1. Testing Docker Compose is working

2. Creating the composeapp directory and required files

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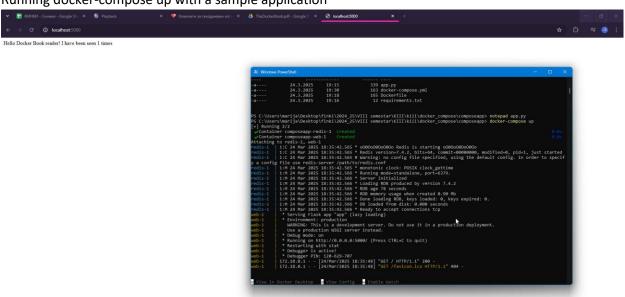
3. Building the composeapp application

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```

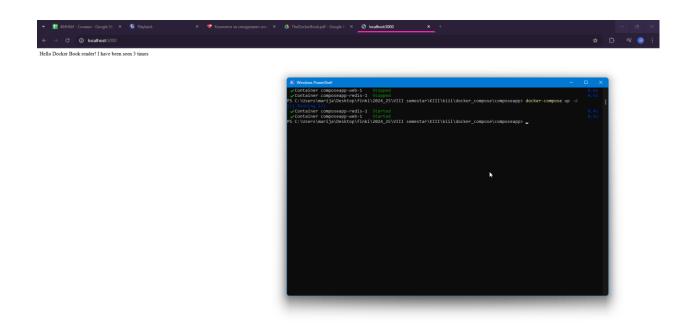
4. Creating the docker-compose.yml file

```
Windows PowerShell
 PS C:\Users\marija\Desktop\finki\2024 25\VIII semestar\KIII\kiii\docker compose\composeapp> New-Item -ItemType File -Path
 docker-compose.yml
    Directory: C:\Users\marija\Desktop\finki\2024_25\VIII semestar\KIII\kiii\docker_compose\composeapp
                          LastWriteTime
                                                      Length Name
Mode
                   24.3.2025
                                                             0 docker-compose.yml
PS C:\Users\marija\Desktop\finki\2024_25\VIII semestar\KIII\kiii\docker_compose\composeapp> notepad docker-compose.yml
PS C:\Users\marija\Desktop\finki\2024_25\VIII semestar\KIII\kiii\docker_compose\composeapp> cat docker-compose.yml
version:
services:
          web:
                                                                                                                 K
                    image: jamtur01/composeapp
                    command: python app.py
                    ports:
                              - "5000:5000"
                    volumes:
                              - .:/composeapp
          redis:
                    image: redis
PS C:\Users\marija\Desktop\finki\2024_25\VIII semestar\KIII\kiii\docker_compose\composeapp> notepad docker-compose.yml
PS C:\Users\marija\Desktop\finki\2024_25\VIII semestar\KIII\kiii\docker_compose\composeapp> cat docker-compose.yml
version: '3'
services:
         web:
                    image: myimage
                    command: python app.py
                    ports:
                              - "5000:5000"
                    volumes:
                              - .:/composeapp
          redis:
                    image: redis
 PS C:\Users\marija\Desktop\finki\2024_25\VIII semestar\KIII\kiii\docker_compose\composeapp> At line:1 char:1
```

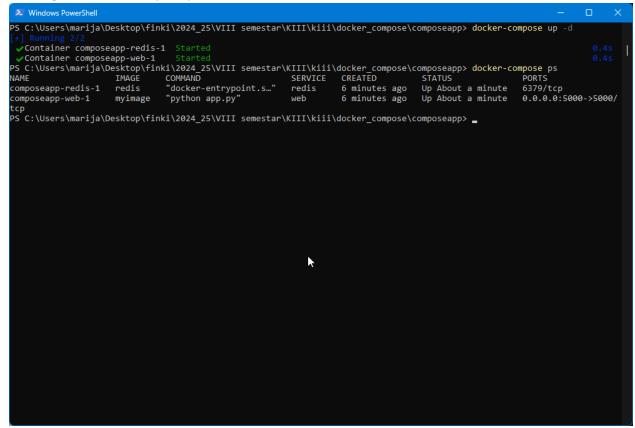
5. Running docker-compose up with a sample application



6. Running Compose daemonized



7. Running the docker-compose ps command



8. Stopping running services

```
Windows PowerShell

✓ Container composeapp-web-1

♥Container composeapp-redis-1 Stopped
PS C:\Users\marija\Desktop\finki\2024_25\VIII semestar\KIII\kiii\docker_compose\composeapp> docker-compose up -d

✓ Container composeapp-redis-1 Started

√Container composeapp-web-1

PS C:\Users\marija\Desktop\finki\2024_25\VIII semestar\KIII\kiii\docker_compose\composeapp> docker-compose ps
                                        COMMAND
"docker-entrypoint.s.."
NAME
                           IMAGE
                                                                         SERVICE CREATED
                                                                                                            STATUS
                                                                                                                                       PORTS
                                                                                                            Up About a minute
composeapp-redis-1
                          redis
                                                                         redis
                                                                                       6 minutes ago
                                                                                                           Up About a minute 6379/tcp
Up About a minute 0.0.0.0:5000->5000/
                                       "python app.py"
                                                                                       6 minutes ago
composeapp-web-1
                           myimage
                                                                         web
tcp
PS<sup>°</sup>C:\Users\marija\Desktop\finki\2024_25\VIII semestar\KIII\kiii\docker_compose\composeapp> <mark>docker-compose</mark> stop

✓ Container composeapp-redis-1 Stopped
✓ Container composeapp-web-1 Stopped

PS C:\Users\marija\Desktop\finki\2024_25\VIII semestar\KIII\kiii\docker_compose\composeapp> docker-compose ps

NAME IMAGE COMMAND SERVICE CREATED STATUS PORTS

PS C:\Users\marija\Desktop\finki\2024_25\VIII semestar\KIII\kiii\docker_compose\composeapp>
```

Removing Compose services

```
> Windows PowerShell

> Citysers\marija\Desktop\finki\2024_25\VIII semestar\KIII\kiii\docker_compose\composeapp> docker-compose ps
MANE

COMMAND

SERVICE CREATED

STATUS

PORTS

COMMAND

SERVICE CREATED

STATUS

PORTS

COMMAND

SERVICE CREATED

STATUS

PORTS

Composeapp-redis-1 redis "docker-entrypoint.s..." redis 6 minutes ago Up About a minute 6:379/tcp

composeapp-web-1 myimage "python app.py" web 6 minutes ago Up About a minute 6:0:0:56000->56000/tcp

PS C:\Users\marija\Desktop\finki\2024_25\VIII semestar\KIII\kiii\docker_compose\composeapp> docker-compose stop

[**] Stopping 2/2

**Container composeapp-redis-1 Stopped

**Container composeapp-redis-1 Removed

**Container composeapp- statis-1 Removed

**Container co
```