

Activity 2 docker-compose

👉 run docker-compose up

```
C:\Users\USER\Desktop\USE\Year4\4-1\soft-def\part-2-docker\activity\act2 [master +5 ~0 -18 !]  
λ docker-compose up --build -d
```

```
Creating network "act2_myNetWork" with driver "bridge"  
Creating volume "act2_myVolume" with default driver  
Building app  
Step 1/7 : FROM node:10  
----> a8441ebf4e4d  
Step 2/7 : WORKDIR /great/src  
----> Running in 1525677fa6ed  
Removing intermediate container 1525677fa6ed  
----> aab10d4ad4a1  
Step 3/7 : COPY package.json .  
----> 49b845997ad8  
Step 4/7 : RUN npm install  
----> Running in b99284b99dee
```

```
70 packages are looking for funding  
  run `npm fund` for details
```

```
found 0 vulnerabilities
```

```
Removing intermediate container b99284b99dee  
----> fc3f4d586012  
Step 5/7 : EXPOSE 4000  
----> Running in 1cfa977867de  
Removing intermediate container 1cfa977867de  
----> d26a5fa7b6f2  
Step 6/7 : COPY . .  
----> a213eda5a710  
Step 7/7 : CMD ["npm", "run", "start"]  
----> Running in 57f04c8dcab6  
Removing intermediate container 57f04c8dcab6  
----> fe9532eb4a8d
```

```
Successfully built fe9532eb4a8d
Successfully tagged act2_app:latest
Building server
Step 1/7 : FROM node:10
----> a8441ebf4e4d
Step 2/7 : WORKDIR /great/src/app
----> Running in fa2b174841bd
Removing intermediate container fa2b174841bd
----> 3ee7dff2b210
Step 3/7 : COPY package.json .
----> b4d8ee191d6b
Step 4/7 : RUN npm i
----> Running in ae9073193829
```

```
12 packages are looking for funding
  run `npm fund` for details
```

```
found 0 vulnerabilities
```

```
Removing intermediate container ae9073193829
----> d007f0a5f433
Step 5/7 : EXPOSE 3000
----> Running in 976005232e06
Removing intermediate container 976005232e06
----> f363ad52c2dd
Step 6/7 : COPY . .
----> 7604efec6bdb
Step 7/7 : CMD ["npm", "run", "server"]
----> Running in 75f8a60fa080
Removing intermediate container 75f8a60fa080
----> 669882d69c89
```

```
Successfully built 669882d69c89
Successfully tagged act2_server:latest
Creating application ... done
Creating processor ... done
Creating mongo ... done
C:\Users\USER\Desktop\USE\Year4\4-1\soft-def\part-2-docker\activity\act2 [master +5 ~0 -18 !]
λ |
```

สั่ง run docker-compose ps

```
C:\Users\USER\Desktop\USE\Year4\4-1\soft-def\part-2-docker\activity\act2 [master +5 ~0 -18 !]  
λ docker-compose ps  
Name                Command                State                Ports  
-----  
application         docker-entrypoint.sh npm r ... Up                0.0.0.0:4001->4000/tcp  
mongo               docker-entrypoint.sh mongod Up                0.0.0.0:27018->27017/tcp  
processor           docker-entrypoint.sh npm r ... Up                0.0.0.0:3001->3000/tcp  
C:\Users\USER\Desktop\USE\Year4\4-1\soft-def\part-2-docker\activity\act2 [master +5 ~0 -18 !]  
λ |
```

สั่ง run docker-compose down

```
C:\Users\USER\Desktop\USE\Year4\4-1\soft-def\part-2-docker\activity\act2 [master +5 ~0 -18 !]  
λ docker-compose down  
Stopping processor ... done  
Stopping mongo ... done  
Stopping application ... done  
Removing processor ... done  
Removing mongo ... done  
Removing application ... done  
Removing network act2_myNetWork  
C:\Users\USER\Desktop\USE\Year4\4-1\soft-def\part-2-docker\activity\act2 [master +5 ~0 -18 !]  
λ |
```

หน้าเว็บ



Hello World 123

- [home](#)
- [contact](#)
- [user](#)

Hello User

This is user name: Great with the age of 22

This is user name: Docker with the age of 50

Name:

Age:

หน้าเว็บจะมีให้กรอกชื่อและอายุของ user และมีการเก็บของมูลลง mongo database จะสังเกตว่ามีข้อมูล user 2 คนอยู่เพราะว่าผมได้เคยใส่ข้อมูลของ user 2 คนนี้ไปแล้วซึ่งมันจะถูกเก็บแบบ persistent อยู่ในฐานข้อมูลต่อให้ run docker-compose down เพื่อทำลาย container แต่ข้อมูลก็จะยังคงถูกเก็บไว้อยู่

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