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1 Lab12. Docker Compose 실습하기1
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3 1. Docker Compose 실습 - Nginx 서버를 Docker Compose로 실행하기
4   1)docker run으로 nginx 실행하기
5     -Image : nginx:latest
6     -Listening Port : 80
7     -Host Connection Port : 8080
8     -index.html : <font size='7' color='red'>Hello Docker Compose</font>
9     -HTML Directory : /usr/share/nginx/html
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10
11     $ docker run -it -p 8080:80 -v $PWD:/usr/share/nginx/html/ nginx
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```

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13 2)compose/dockerfile 생성하기
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```
14     $ mkdir compose
15     $ cd compose
16     $ nano dockerfile
17
18     FROM    nginx:latest
19
20     RUN     ["chmod", "755", "/usr/share/nginx/html"]
21     RUN     ["chmod", "644", "/usr/share/nginx/html/index.html"]
22     COPY    ./index.html /usr/share/nginx/html/index.html
23
```

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24 3)compose/index.html 생성하기
```

```
25     $ nano index.html
26     <font size='7' color='red'>Hello Docker Compose</font>
27
```

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28 4)dockerfile로 테스트
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```
29     $ docker build -t web .
30     $ docker run -d -p 8080:80 --name webserver web
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32 5)Web Browser로 실행 확인
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34 6)docker-compose.yml 생성하기
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```
35     $ docker rm -f `docker ps -a -q`
36     $ cd ..
37     $ nano docker-compose.yml
38
39     version: '3'
40
41     services:
42     nginx:
43     build:
44     context: .
45     dockerfile: ./compose/dockerfile
46     ports:
47     - 80:80
48
```

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49 7)dockerfile 수정하기
```

```
50     $ cd compose
51     $ nano dockerfile
52
53     FROM    nginx:latest
54
55     RUN     ["chmod", "755", "/usr/share/nginx/html"]
56     RUN     ["chmod", "644", "/usr/share/nginx/html/index.html"]
57     COPY    ./compose/index.html /usr/share/nginx/html/index.html
```

<-----이 부분 수정

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59 8)실행하기
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```
60     $ cd ..
61     $ docker-compose up -d
```

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63 -Web Browser로 확인할 것

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65 \$ docker-compose down