```
1   1. Docker Compose 실습 - Nginx 서버를 Docker Compose로 실행하기
2      1)docker run으로 nginx 실행하기
3          -Image : nginx:latest
4          -Listening Port : 80
5          -Host Connection Port : 8080
6          -index.html : <font size='7' color='red'>Hello Docker Compose</font>
7          -HTML Directory : /usr/share/nginx/html
8
9          $ docker run -it -p 8080:80 -v ${PWD}:/usr/share/nginx/html/ nginx
10
11     2)compose/dockerfile 생성하기
12         $ mkdir compose
13         $ cd compose
14         $ nano dockerfile
15
16             FROM     nginx:latest
17
18             RUN     ["chmod", "755",  "/usr/share/nginx/html"]
19             RUN     ["chmod",  "644",  "/usr/share/nginx/html/index.html"]
20             COPY     ./index.html   /usr/share/nginx/html/index.html
21
22     3)compose/index.html 생성하기
23         $ nano index.html
24             <font size='7' color='red'>Hello Docker Compose</font>
25
26     4)dockerfile로 테스트
27         $ docker run -d -p 8080:80 --name webserver web
28
29     5)Web Browser로 실행 확인
30
31     6)docker-compose.yml 생성하기
32         $ cd ..
33         $ nano docker-compose.yml
34
35             version: '3'
36
37             services:
38               nginx:
39                 build:
40                   context: .
41                   dockerfile: ./compose/dockerfile
42                 ports:
43                   - 80:80
44
45     7)dockerfile 수정하기
46         $ cd compose
47         $ nano dockerfile
48
49             FROM     nginx:latest
50
51             RUN     ["chmod", "755",  "/usr/share/nginx/html"]
52             RUN     ["chmod",  "644",  "/usr/share/nginx/html/index.html"]
53             COPY     ./compose/index.html   /usr/share/nginx/html/index.html          <------------이 부분 수정
54
55     8)실행하기
56         $ cd ..
57         $ docker-compose up -d
58
59         -Web Browser로 확인할 것
60
61         $ docker-compose down
```