

Dockerfile

Plugins supporting Dockerfile files found.

```
1 FROM python:3.8-alpine
2 WORKDIR /app
3 COPY restaurant .
4 RUN pip install -r requirements.txt
5 CMD ["python3", "manage.py", "runserver", "0.0.0.0:8000"]
```

docker-compose.yml

```
1  version: '3'
2  services:
3    app:
4      build: .
5      ports:
6      - 1234:8000
```

docker ps

The screenshot shows the PyCharm Community Edition interface. The top bar indicates the date and time as Jun 29 19:48. The main window is titled "lab_restaurant - docker-compose.yml". The left sidebar shows the project structure for "lab_restaurant" located at "/media/maksim/disk2/si". The central editor displays the "docker-compose.yml" file with the following content:

```
version: '3'
services:
  app:
    build: .
    ports:
      - 1234:8000
```

The bottom panel shows the terminal output of the command "docker ps". The output is as follows:

```
maksim@maksim-HP-Laptop-15-bw0xx:/media/maksim/disk2/sites/lab_restaurant$ docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
2ed12498cac8	lab_restaurant_app	"python3 manage.py r..."	44 seconds ago	Up 37 seconds	0.0.0.0:1234->8000/tcp	lab_restaurant_app_1
bda130ec6000	mysql:8.0	"docker-entrypoint.s..."	10 days ago	Up 52 minutes	3306/tcp, 33060/tcp	final_lab_db_1

The terminal prompt is "maksim@maksim-HP-Laptop-15-bw0xx:/media/maksim/disk2/sites/lab_restaurant\$". The bottom status bar shows "4 chars 6:11 LF UTF-8 2 spaces No JSON schema Python 3.7 master".

docker-compose up

The screenshot shows a web application running in a Mozilla Firefox browser at the address 127.0.0.1:1234/menu/. The application displays a restaurant menu with two items:

- Название блюда: pig w tomatoes**
Повар: Alexeev Artur
Ингредиенты: pig meat tomatoes
Цена: 909 рублей
[Добавить](#)
- Название блюда: chick tomatoes**
Повар: Oleg Andreev
Ингредиенты: tomatoes chicken salad
Цена: 224 рублей

The PyCharm IDE window shows the `lab_restaurant - docker-compose.yml` file with the following content:

```
version: '3'
services:
  app:
    build: .
    ports:
      - 1234:80
```

The terminal output shows the command `docker-compose up` being executed, starting the `lab_restaurant_app_1` container. The terminal logs show the container starting, attaching to the application, and handling HTTP requests:

```
maksim@maksim-HP-Laptop-15-bw0xx:/media/maksim/disk2/sites/lab_restaurant$ docker-compose up
Starting lab_restaurant_app_1 ... done
Attaching to lab_restaurant_app_1
app_1 | Watching for file changes with StatReloader
app_1 | [29/Jun/2020 15:59:52] "GET / HTTP/1.1" 200 3559
app_1 | [29/Jun/2020 15:59:53] "GET /static/style.css HTTP/1.1" 200 576
app_1 | [29/Jun/2020 15:59:53] "GET /static/background.jpg HTTP/1.1" 304 0
app_1 | Not Found: /favicon.ico
app_1 | [29/Jun/2020 16:00:06] "GET /tables/ HTTP/1.1" 200 10224
app_1 | [29/Jun/2020 16:00:11] "GET /menu/ HTTP/1.1" 200 4513
```