

# Семинар 5

## Решение

```
version: '3.1'
```

```
services:
```

```
  some-mysql:
```

```
    image: mysql:8.0.31
```

```
    environment:
```

```
      MYSQL_ROOT_PASSWORD: my-secret-pw
```

```
  myphp:
```

```
    image: phpmyadmin/phpmyadmin
```

```
    ports: - 8081:80
```

```
    depends_on: -
```

```
      some-mysql
```

```
    environment:
```

```
      PMA_HOST: some-mysql
```

```

GNU nano 7.2
version: '3.1'

services:
  some-mysql:

    # Используемый Docker образ
    image: mysql:8.0.31
    # Переменные окружения для MySQL
    environment:
      MYSQL_ROOT_PASSWORD: my-secret-pw
    # Второго сервиса: phpMyAdmin
  myphp:
    # Используемый Docker образ
    image: phpmyadmin/phpmyadmin
    # Пробо́рос портов: хост:контейнер
    ports:
      - 8081:80
    # Указываем зависимость от MySQL сервиса
    depends_on:
      - some-mysql
    # Переменные окружения для phpMyAdmin
    environment:
      PMA_HOST: some-mysql

```

```

root@ubuntuVM: /home/nick

nick@ubuntuVM:~$ sudo su
[sudo] password for nick:
root@ubuntuVM:/home/nick# nano docker-compose.yaml
root@ubuntuVM:/home/nick# docker-compose up -d
Command 'docker-compose' not found, but can be installed with:
snap install docker                # version 24.0.5, or
apt install docker-compose         # version 1.29.2-6
See 'snap info docker' for additional versions.
root@ubuntuVM:/home/nick# apt install docker-compose
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  linux-headers-6.5.0-14 linux-headers-6.5.0-14-generic linux-image-6.5.0-14-generic
  linux-modules-6.5.0-14-generic linux-modules-extra-6.5.0-14-generic
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  python3-compose python3-distutils python3-docker python3-dockerpty python3-docopt python3-dotenv
  python3-texttable python3-websocket
Recommended packages:
  docker.io
The following NEW packages will be installed:
  docker-compose python3-compose python3-distutils python3-docker python3-dockerpty python3-docopt
  python3-dotenv python3-texttable python3-websocket

```

```
Digest: sha256:3d7ae561cf6095f6aca8eb7830e1d14734227b1fb4748092f2be2cfbccf7d61
Status: Downloaded newer image for mysql:8.0.31
Pulling myphp (phpmyadmin/phpmyadmin:...)
latest: Pulling from phpmyadmin/phpmyadmin
faef57eae888: Pulling fs layer
989a1d6c052e: Pulling fs layer
0705c9c2f22d: Pulling fs layer
621478e043ce: Pulling fs layer
98246dcca987: Pulling fs layer
bfed8c155cb6: Pulling fs layer
7a7c2e908867: Pull complete
d176994b625c: Pull complete
2d8ace6a2716: Pull complete
c70df516383c: Pull complete
15e1b44fe4c7: Pull complete
65e50d44e95a: Pull complete
77f68910bc0a: Pull complete
605dd3a6e332: Pull complete
99ce27188f07: Pull complete
74d64e32c5d5: Pull complete
ef5fc9928b9f: Pull complete
163f3256e112: Pull complete
Digest: sha256:67ba2550fd004399ab0b95b64021a88ea544011e566a9a1995180a3decb6410
Status: Downloaded newer image for phpmyadmin/phpmyadmin:latest
Creating nick_some-mysql_1 ... done
Creating nick_myphp_1 ... done
root@ubuntuVM:/home/nick# ^C
root@ubuntuVM:/home/nick# nano docker-compose.yml
root@ubuntuVM:/home/nick#
```