## Задание

• Установить в виртуальную машину или VDS Docker, настроить набор контейнеров через docker compose по [инструкции](#).
Часть с настройкой certbot и HTTPS опустить, если у вас нет настоящего домена и белого IP.

sudo su

apt install docker.io

/home/db# apt install docker-compose

mkdir wordpress && cd wordpress

mkdir nginx-conf

nano nginx-conf/nginx.conf

```
server {
    listen 8095;
    listen [::]:80;

    server_name example.com www.example.com;

    index index.php index.html index.htm;

    root /var/www/html;

    location ~ /.well-known/acme-challenge {
        allow all;
        root /var/www/html;
    }

    location / {
        try_files $uri $uri/ /index.php$is_args$args;
    }

    location ~ \.php$ {
        try_files $uri =404;
        fastcgi_split_path_info ^(.+\.php)(/.+)$;
        fastcgi_pass wordpress:9000;
        fastcgi_index index.php;
        include fastcgi_params;
```

```
            fastcgi_param SCRIPT_FILENAME $document_root$fastcgi_script_name;

            fastcgi_param PATH_INFO $fastcgi_path_info;

    }


    location ~ /\.ht {

        deny all;

    }


    location = /favicon.ico {

        log_not_found off; access_log off;

    }

    location = /robots.txt {

        log_not_found off; access_log off; allow all;

    }

    location ~* \.(css|gif|ico|jpeg|jpg|js|png)$ {

        expires max;

        log_not_found off;

    }

}
```

## nano .env

```
MYSQL_ROOT_PASSWORD=jh

MYSQL_USER=devil

MYSQL_PASSWORD=jhh
```

## nano .dockerignore

```
.env

.git

docker-compose.yml

.dockerignore
```

## nano docker-compose.yml

```
version: '3'


services:
  db:
    image: mysql:8.0
    container_name: db
```

```yaml
    restart: unless-stopped
    env_file: .env
    environment:
      - MYSQL_DATABASE=wordpress
    volumes:
      - dbdata:/var/lib/mysql
    command: '--default-authentication-plugin=mysql_native_password'
    networks:
      - app-network

  wordpress:
    depends_on:
      - db
    image: wordpress:5.1.1-fpm-alpine
    container_name: wordpress
    restart: unless-stopped
    env_file: .env
    environment:
      - WORDPRESS_DB_HOST=db:3306
      - WORDPRESS_DB_USER=$MYSQL_USER
      - WORDPRESS_DB_PASSWORD=$MYSQL_PASSWORD
      - WORDPRESS_DB_NAME=wordpress
    volumes:
      - wordpress:/var/www/html
    networks:
      - app-network

  webserver:
    depends_on:
      - wordpress
    image: nginx:1.15.12-alpine
    container_name: webserver
    restart: unless-stopped
    ports:
      - "8095:80"
    volumes:
      - wordpress:/var/www/html
      - ./nginx-conf:/etc/nginx/conf.d
      - certbot-etc:/etc/letsencrypt
```

```
    networks:

      - app-network


  volumes:

  certbot-etc:

  wordpress:

  dbdata:


networks:

  app-network:

    driver: bridge
```

# docker-compose up -d