apt install docker.io docker-compose
cd /home/lk
mkdir wordpress && cd wordpress
mkdir nginx-conf
nano nginx-conf/nginx.conf

```
server {
    listen 80;
    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 {
```

```nginx
        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=your_root_password
MYSQL_USER=your_wordpress_database_user
MYSQL_PASSWORD=your_wordpress_database_password
```

```
nano .dockerignore
.env
docker-compose.yml
.dockerignore
```

```yaml
nano docker-compose.yml
version: '3'

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

```yaml
    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:
      - "80:80"
    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
```

```
yamllint docker-compose.yml
docker-compose up -d
```