Задание 1:

    mkdir wordpress
    mkdir nginx-conf
    nano nginx-conf/nginx.conf
    nano .env
    nano docker-compose.yml
    sudo snap install docker
    sudo apt install docker-compose
    docker-compose up –d

```yaml
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:6.0.1-php8.0-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:1.22.0-alpine
  container_name: webserver
  restart: unless-stopped
  ports:
   - "80:80"
  volumes:
```

```
      - wordpress:/var/www/html
      - ./nginx-conf:/etc/nginx/conf.d
    networks:
      - app-network


volumes:
  wordpress:
  dbdata:


networks:
  app-network:
    driver: bridge
```
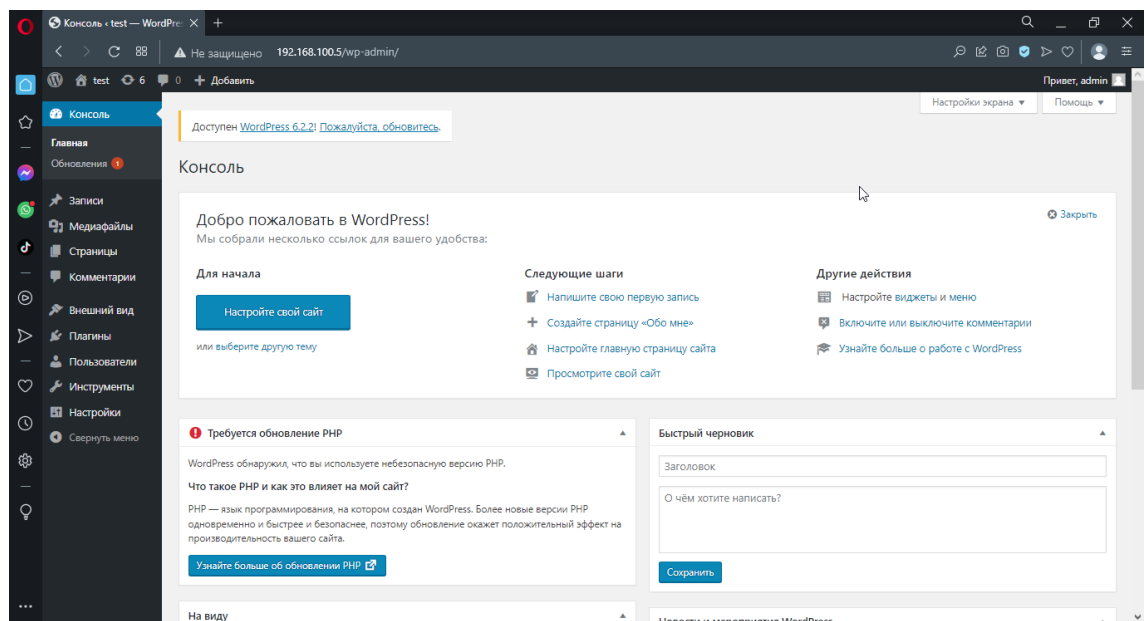

Задание 2:

```
        sudo mkdir /home/andrei/mariadb
        cd mariadb/
        sudo nano docker-compose.yml
        docker-compose up –d
        version: '3.1'

services:
  mariadb:
    container_name: mariadb
    image: mariadb:10.8
    ports:
      - 3310:3306
    environment:
      MARIADB_USER: admin
      MARIADB_PASSWORD: ******
      MARIADB_ROOT_PASSWORD: ******
    restart: always

  phpmyadmin:
```

```
image: phpmyadmin
restart: always
ports:
  - 8090:80
environment:
  - PMA_HOST=mariadb
depends_on:
  - mariadb
```