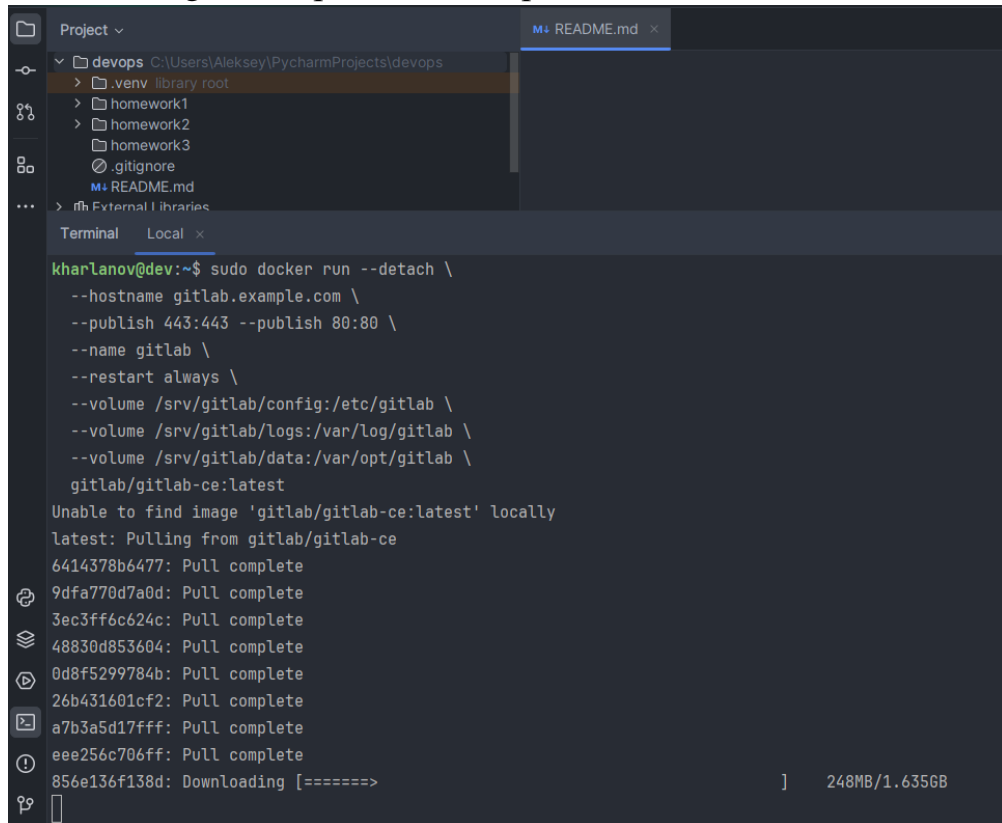


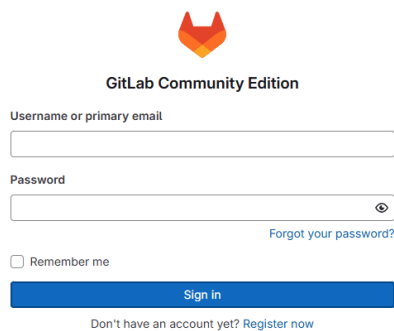
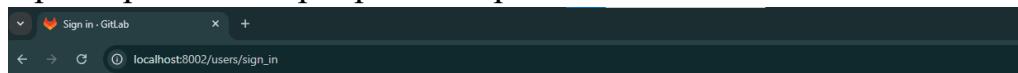
## Домашнее задание №3

### 1. Установка gitlab через docker образ.



```
kharlanov@dev:~$ sudo docker run --detach \
--hostname gitlab.example.com \
--publish 443:443 --publish 80:80 \
--name gitlab \
--restart always \
--volume /srv/gitlab/config:/etc/gitlab \
--volume /srv/gitlab/logs:/var/log/gitlab \
--volume /srv/gitlab/data:/var/opt/gitlab \
gitlab/gitlab-ce:latest
Unable to find image 'gitlab/gitlab-ce:latest' locally
latest: Pulling from gitlab/gitlab-ce
6414378b6477: Pull complete
9dfa770d7a0d: Pull complete
3ec3ff6c624c: Pull complete
48830d853604: Pull complete
0d8f5299784b: Pull complete
26b431601cf2: Pull complete
a7b3a5d17fff: Pull complete
eee256c706ff: Pull complete
856e136f138d: Downloading [=====>] 248MB/1.635GB
```

### 2. Открытие веб интерфейса по адресу: <http://localhost:8002/> Предварительно пробросив порт 8002 на 80 в virtualbox



GitLab Community Edition

Username or primary email

Password

☐ Remember me

[Forgot your password?](#)

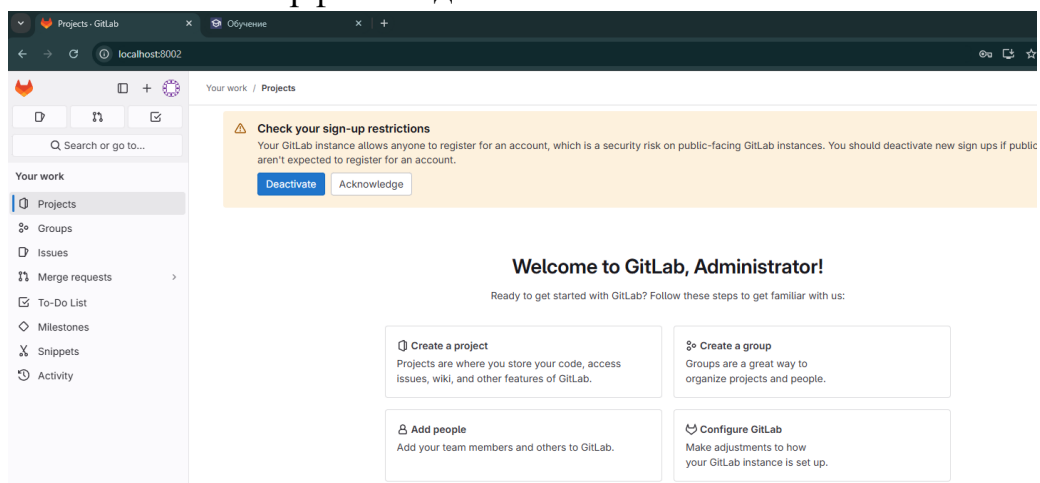
[Sign in](#)

[Don't have an account yet? Register now](#)

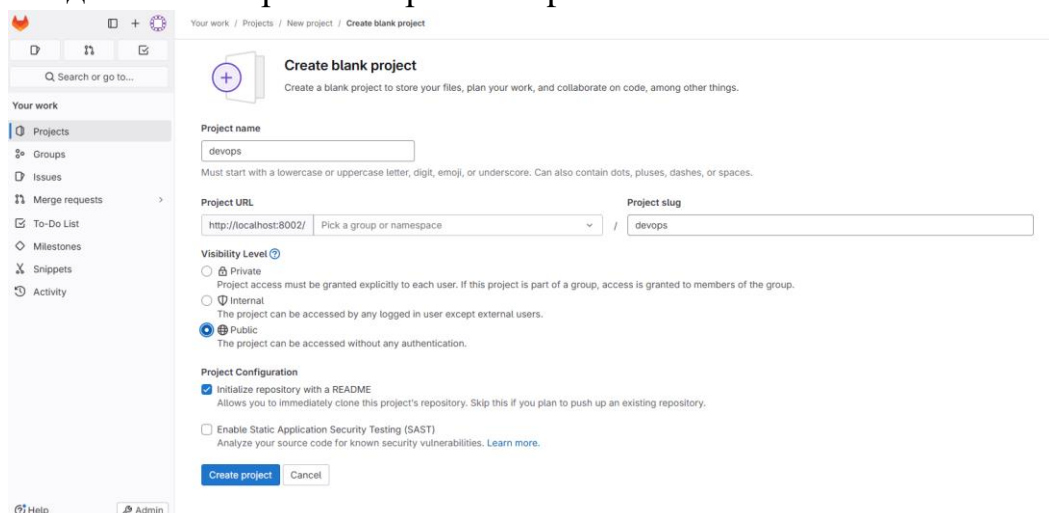
### 3. Так как в /srv/gitlab/config не оказалось файла initial\_root\_password, пришлось менять его через gitlab-rake

```
kharlanov@dev:/srv/gitlab$ sudo docker ps
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS        PORTS
e876504a4be5   gitlab/gitlab-ce:latest             "/assets/wrapper"       58 minutes ago Up 56 minutes (healthy)  0.0.0.0:80->80/tcp, :::80->80/tcp,
, :::443->443/tcp   gitlab
kharlanov@dev:/srv/gitlab$ sudo docker exec -it e876504a4be5 /bin/sh
# gitlab-rake "gitlab:password:reset"
Enter username: root
Enter password:
Confirm password:
Password successfully updated for user with username root.
#
```

4. Вошли в веб интерфейс под пользователем root и измененным паролем.



5. Создаем новый репозиторий devops



## 6. Клонировем репозиторий на сервер

```
kharlanov@dev:~/backup_database$ git clone http://localhost/root/devops.git
Cloning into 'devops'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
kharlanov@dev:~/backup_database$ ls -l
total 12
-rwx----- 1 root      root      375 Nov 27 20:57 backup_postgresql.sh
drwxrwxr-x 3 kharlanov kharlanov 4096 Dec  3 15:25 devops
-rw-r--r-- 1 root      root      2810 Nov 27 20:57 devops_backup_2024-11-27.sql
kharlanov@dev:~/backup_database$
```

## 7. Создаем новый файл, добавляем его в коммит, коммитим и пушим в репозиторий

```
kharlanov@dev:~/backup_database/devops$ git config --global user.email "test@example.com"
kharlanov@dev:~/backup_database/devops$ git config --global user.name "kharlanov"
kharlanov@dev:~/backup_database/devops$ sudo nano example.txt
kharlanov@dev:~/backup_database/devops$ git add .
kharlanov@dev:~/backup_database/devops$ git commit -m "Test commit"
[main e3b52a9] Test commit
1 file changed, 1 insertion(+)
create mode 100644 example.txt
kharlanov@dev:~/backup_database/devops$ git push origin main
Username for 'http://localhost': root
Password for 'http://root@localhost':
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 296 bytes | 296.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To http://localhost/root/devops.git
71dd490..e3b52a9  main -> main
kharlanov@dev:~/backup_database/devops$
```

## 8. Проверяем в веб интерфейсе что изменения запушились в ветку main

The screenshot shows the GitLab web interface for a repository named 'devops'. The left sidebar contains navigation links for Project, Pinned, Issues, Merge requests, Manage, Plan, Code, Build, Secure, Deploy, Operate, Monitor, Analyze, and Settings. The main content area displays the commit history, showing a 'Test commit' by kharlanov. The file list shows 'README.md' and 'example.txt'. The project information section on the right indicates 1 commit, 1 branch, and 0 tags.

Name	Last commit	Last update
README.md	Initial commit	9 minutes ago
example.txt	Test commit	1 minute ago

Project information:

- 1 Commit
- 1 Branch
- 0 Tags
- 3 KiB Project Storage
- README
- Auto DevOps enabled
- + Add LICENSE
- + Add CHANGELOG
- + Add CONTRIBUTING
- + Add Kubernetes cluster