LSC raport
Lab 7
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Task 1.

```
dawid@DESKTOP-389PK2L:/mnt/d/semestr_XIX/lsc/lab7$ cat hello.sh
#!/bin/bash

echo 'hello world'
dawid@DESKTOP-389PK2L:/mnt/d/semestr_XIX/lsc/lab7$ _

dawid@DESKTOP-389PK2L:/mnt/d/semestr_XIX/lsc/lab7$ docker run -it task1 bash hello.sh
hello world

root@e57d477c0741:/etc# cat os-release
PRETTY_NAME="Ubuntu 22.04.1 LTS"
NAME="Ubuntu"
VERSION_ID="22.04"
VERSION_ID="22.04"
VERSION_CODENAME=jammy

dawid@DESKTOP-389PK2L:/mnt/c/WINDOWS/system32$ docker exec -i e57d477c0741 dpkg -1

pesired-Unknown/Install/Remove/Purge/Hold
```

```
Commands that can be used to check what packages are installed:
docker exec -i <container_id_1> apk info -vv | sort

docker exec -i <container_id_1> dpkg -l

docker exec -i <container_id_1> rpm -qa
```

Task 2.

Task 3.

```
dawid@DESKTOP-389PK2L:/mnt/d/semestr_XIX/lsc/lab7/task3$ minikube kubectl -- apply -f deployment.yml
service/task3-service unchanged
deployment.apps/task2 configured
```

```
dawid@DESKTOP-389PK2L:/mnt
                                                     ab7/task3$ minikube kubectl -- get pods
NAME
                             READY
                                      STATUS
                                                      RESTARTS
                                                                   AGE
task2-5db67cd7cf-bm4v2
                             1/1
                                      Running
                                                      0
                                                                   425
task2-5db67cd7cf-j2fl5
task2-5db67cd7cf-vrlcl
                             1/1
                                      Running
                                                      0
                                                                   25s
                             1/1
                                      Running
                                                      0
                                                                   54s
```

dawid@DESKTOP-389PK2L:/mnt/d/semestr_XIX/lsc/lab7/task3\$ minikube service task3-service --url
http://127.0.0.1:46717

```
deployment.yml file:
     apiVersion: v1
 2
     kind: Service
    ⊟metadata:
 4
    name: task3-service
 5
    □spec:
 6
        type: NodePort
    ports:
 7
          - port: 80
 8
 9
           targetPort: 80
10
11
12
     apiVersion: apps/v1
     kind: Deployment
13
14
    metadata:
15
        creationTimestamp: null
16
       labels:
17
          app: task2
18
       name: task2
19
    □spec:
20
        replicas: 3
21
       selector:
22
         matchLabels:
23
          app: task2
24
        strategy: {}
    25
        template:
26
         metadata:
27
            creationTimestamp: null
    自上申
28
            labels:
29
              app: task2
30
         spec:
31
            containers:
32
     \Box
            - image: task2-kube
33
              name: task2-container
34
              imagePullPolicy: IfNotPresent
35
              resources: {}
36
              ports:
37
              - containerPort: 80
38
      status: {}
39
```