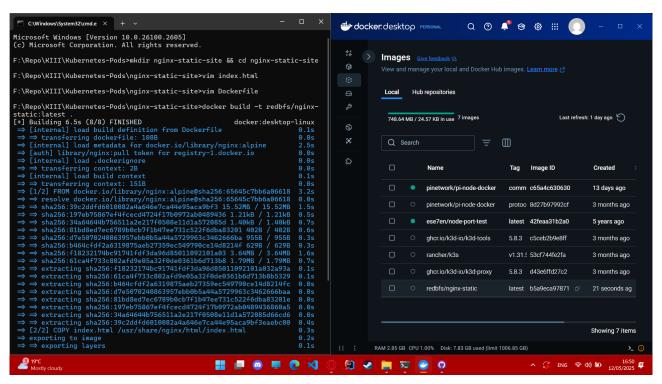
Kuberetes Pods

1. Making an html&Dockerfile and building the image for nginx



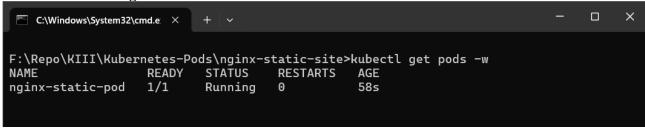
2. Pushing the image to docker hub C:\Windows\System32\cmd.e × + ~ @ □ | ← C 🗈 https://hub.docker.... 🗚 🏠 🚺 💿 🔇 | Sign in F:\Repo\KIII\Kubernetes-Pods\nginx-static-site>docker login Authenticating with existing credentials... [Username: redbfs] Import favorites | 👩 VIS kniga 🔼 VisuAlgo - visualisin... 🧔 CodeSe Info → To login with a different account, run 'docker logout' followed by 'docker login' Login Succeeded Repositories F:\Repo\KIII\Kubernetes-Pods\nginx-static-site>docker push redbfs/nginx-static:latest The push refers to repository [docker.io/redbfs/nginx-static]
61ca4f733c80: Pushed
616ca4f733c80: Pushed
81444e6669063: Pushed
81bd8ed7ac67: Pushed
81bd8ed7ac67: Pushed
197ab75867ef: Pushed
197ab75867ef: Pushed
84a6444b756: Pushed
84a6441b751e: Pushed
84c2411c3f1e: Pushed
84c2411c3f1e: Pushed
84c241d3f1e: Pushed
84c241d3f1e: Pushed
84c241d3f1e: Pushed
84c241d3f1e: Pushed
84c241d3f46010: Pushed
84c250c2466010: Pushed
84c250c2466010: Pushed
84c251c3f1es Pushed
84c251c3f2esf2c3f2f2f2f3f4ac342873a14773 All repositories within the redbfs namespace Q Search by repository name All content Create a repository Last Pushed 1 Visibilit Jackuruovata (hasheu Latest: digest: sha256:b5a9eca97871ab2392729f5d4ac342873a147713a669e38e11c2c4f1b87083 c2 size: 856 F:\Repo\KIII\Kubernetes-Pods\nginx-static-site> redbfs/gitlab-ci-cd-part 15 days ago Public redbfs/github-actions-lab 15 days ago Public redbfs/jenkins-lab-1 29 days ago # P 🕟 🖷 🖸 🛪 🚇 🤣 🔚 🖂 😌 👩 🖹 ^ ☐ ENG ♠ ♠ ♠ ☐ 16:54 ∰ 3. Writing the manifest

4.Created the cluster and applied the manifest

```
\Box
                                                                                                X
 C:\Windows\System32\cmd.e: X
INFO[0002] Creating node 'k3d-labcluster-server-2'
INFO[0002] Creating node 'k3d-labcluster-agent-0'
INFO[0002] Creating node 'k3d-labcluster-agent-1'
INFO[0002] Creating node 'k3d-labcluster-agent-2'
INFO[0003] Creating node 'k3d-labcluster-agent-3'
INFO[0003] Creating node 'k3d-labcluster-agent-4'
INFO[0004] Creating LoadBalancer 'k3d-labcluster-serverlb'
INFO[0004] Using the k3d-tools node to gather environment information
INFO[0004] Starting new tools node ...
INFO[0005] Starting node 'k3d-labcluster-tools'
INFO[0006] Starting cluster 'labcluster'
INFO[0006] Starting the initializing server...
INFO[0006] Starting node 'k3d-labcluster-server-0'
INFO[0010] Starting servers ..
INFO[0010] Starting node 'k3d-labcluster-server-1'
INFO[0030] Starting node 'k3d-labcluster-server-2'
                                                               INFO[0067] Starting agents ...
                              INFO[0067] Starting node 'k3d-labcluster-agent-2'
                                                                                              IN
FO[0067] Starting node 'k3d-labcluster-agent-0'
                                                             INFO[0067] Starting node 'k3d-l
abcluster-agent-3'
                            INFO[0067] Starting node 'k3d-labcluster-agent-1'
                                                                                           INFO
[0067] Starting node 'k3d-labcluster-agent-4'
                                                          INFO[0077] Starting helpers ...
                          INFO[0077] Starting node 'k3d-labcluster-serverlb'
085] Injecting records for hostAliases (incl. host.k3d.internal) and for 10 network m
embers into CoreDNS configmap...
                                     INFO[0088] Cluster 'labcluster' created successfully
    INFO[0088] You can now use it like this:
                                                                   kubectl cluster-info
F:\Repo\KIII\Kubernetes-Pods\nginx-static-site>kubectl apply -f nginx-pod.yaml
pod/nginx-static-pod created
F:\Repo\KIII\Kubernetes-Pods\nginx-static-site>
```

Беќир Фазли 191045

5. The Pod is running



6. Watching the event in node k3d-labcluster-server-0 \rightarrow kubectl describe node k3d-labcluster-server-0

