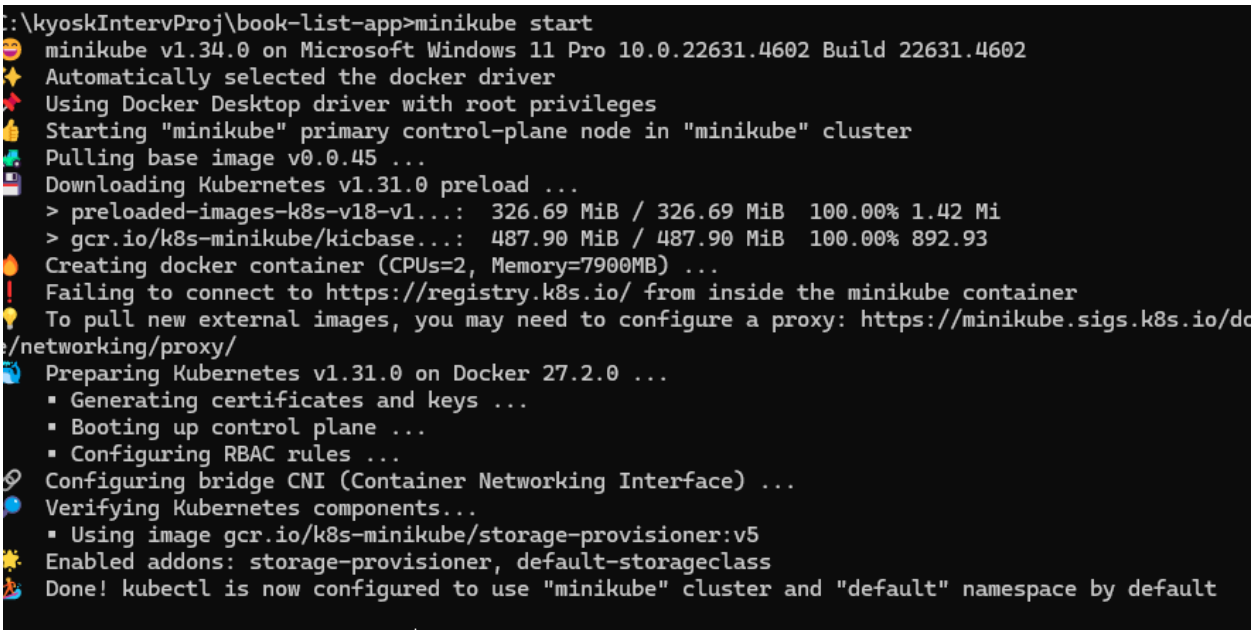
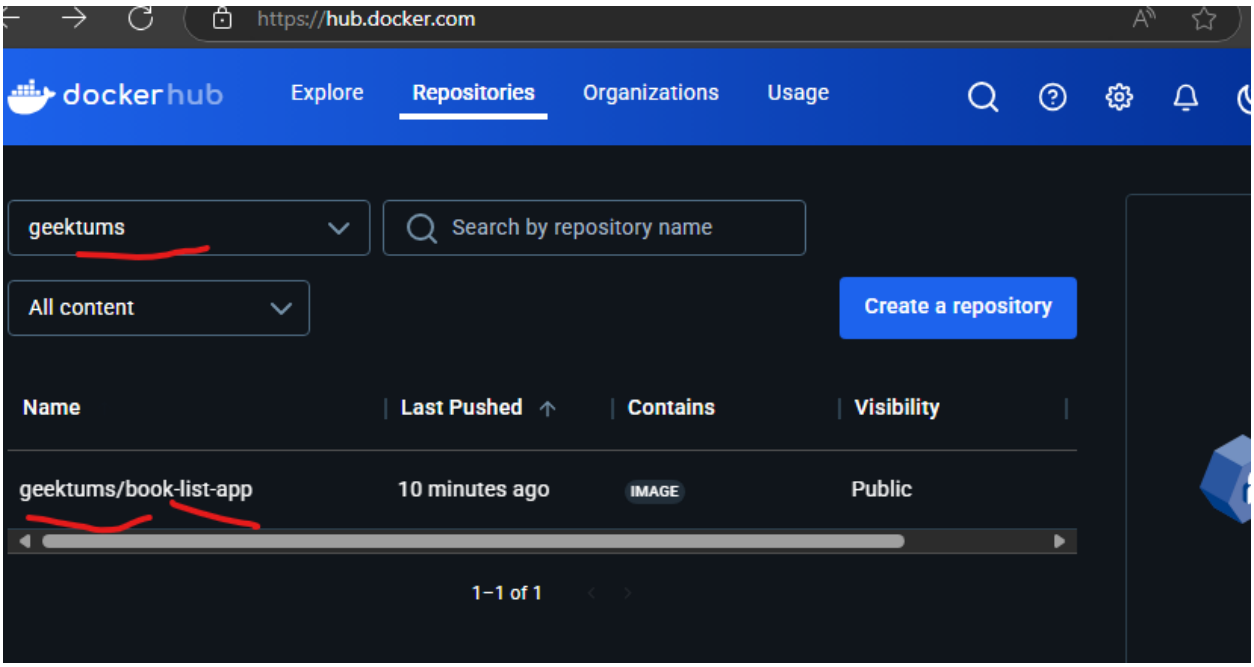
Running minikube



Container Published in My Docker Hub



Pulling Docker Image from my docker hub ,running the service,retrieving the url

```
C:\TestResults\kyosk-front-end>docker --version
Docker version 27.4.0, build bde2b89

C:\TestResults\kyosk-front-end>docker build -t book-list-app .
[+] Building 338.5s (11/11) FINISHED                                                                    docker:desktop-linux
 => [internal] load build definition from Dockerfile                                                                  0.1s
 => => transferring dockerfile: 618B                                                                                  0.0s
 => [internal] load metadata for docker.io/library/node:18-alpine                                                     2.0s
 => [auth] library/node:pull token for registry-1.docker.io                                                           0.0s
 => [internal] load .dockerignore                                                                                     0.1s
 => => transferring context: 2B                                                                                       0.0s
 => [1/5] FROM docker.io/library/node:18-alpine@sha256:a24108da7089c2d293ceaa61fb8969ec10821e8efe25572e               0.1s
 => => resolve docker.io/library/node:18-alpine@sha256:a24108da7089c2d293ceaa61fb8969ec10821e8efe25572e               0.1s
 => [internal] load build context                                                                                   157.3s
 => => transferring context: 453.58MB                                                                               157.2s
 => CACHED [2/5] WORKDIR /app                                                                                         0.0s
 => [3/5] COPY package*.json ./                                                                                       0.3s
 => [4/5] RUN npm install                                                                                           101.2s
 => [5/5] COPY . .                                                                                                    6.6s
 => exporting to image                                                                                               70.6s
 => => exporting layers                                                                                              46.3s
 => => exporting manifest sha256:69d8a1b51b710870a8d0cdd391348bebf60a22f8059a6c060048cd47d7274c7e                      0.0s
 => => exporting config sha256:41bf406f543001011ee906f164920572d7ba40033ac677026bd11d1576616688                      0.0s
 => => exporting attestation manifest sha256:2a015be4a852bcc36b6e50099dc93edde4aee913116022f10b98b4d9d4               0.1s
 => => exporting manifest list sha256:27c4cb0eacc0d16bcd71ba94f784e189166dc5695deb2791cb896c3897dd19ea                0.0s
 => => naming to docker.io/library/book-list-app:latest                                                               0.0s
 => => unpacking to docker.io/library/book-list-app:latest                                                           24.1s
```

```
C:\TestResults\kyosk-front-end>docker run -p 3000:3000 book-list-app

> book-list-app@0.1.0 dev
> next dev

   ▲ Next.js 15.1.4
   - Local:        http://localhost:3000
   - Network:      http://172.17.0.2:3000
```

MiniKube

```
C:\TestResults\kyosk-front-end>minikube start
* minikube v1.34.0 on Microsoft Windows 11 Pro 10.0.22631.4602 Build 22631.4602
* Using the docker driver based on existing profile
* Starting "minikube" primary control-plane node in "minikube" cluster
* Pulling base image v0.0.45 ...
* Restarting existing docker container for "minikube" ...
! Failing to connect to https://registry.k8s.io/ from inside the minikube container
* To pull new external images, you may need to configure a proxy: https://minikube.sigs.k8s.io/do
networking/proxy/
* Preparing Kubernetes v1.31.0 on Docker 27.2.0 ...
* Verifying Kubernetes components...
  - Using image gcr.io/k8s-minikube/storage-provisioner:v5
* Enabled addons: default-storageclass, storage-provisioner
* Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default
```

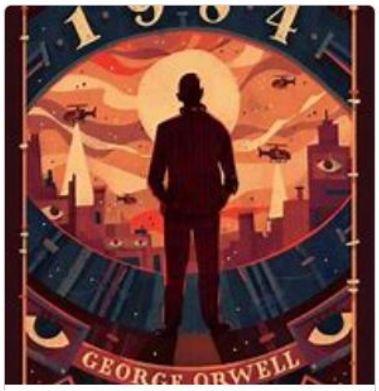
```
C:\TestResults\kyosk-front-end> kubectl apply -f k8s/deployment.yaml
deployment.apps/book-list-app unchanged

C:\TestResults\kyosk-front-end>kubectl apply -f service.yaml
error: the path "service.yaml" does not exist

C:\TestResults\kyosk-front-end>kubectl apply -f k8s/service.yaml
service/book-list-app-service unchanged

C:\TestResults\kyosk-front-end>minikube service book-list-app-service --url
http://127.0.0.1:52481
! Because you are using a Docker driver on windows, the terminal needs to be open to run it.
```

Good Reads

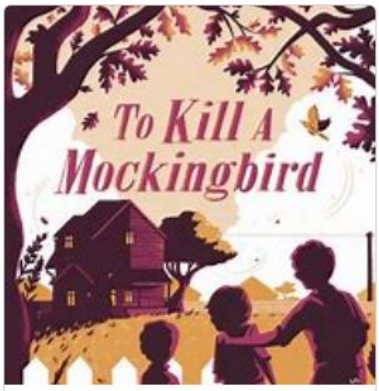


1984

Author: George Orwell

Year: 1949

View Details

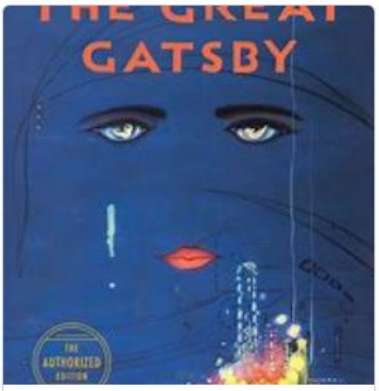


To Kill a Mockingbird

Author: Harper Lee

Year: 1960

View Details



The Great Gatsby

Author: F. Scott Fitzgerald

Year: 1925

View Details