

PART 1

1.1 Screenshot showing the installed Docker version.

```
5db7e91df6a538039a0266c96634d05af85db6c0fbcc93fba012a21635678c4b
PS C:\Users\isabe> docker network ls
NETWORK ID      NAME      DRIVER  SCOPE
fa886671ca2d    bridge    bridge   local
cede5f60092f    host      host     local
a709ba8bb081    minikube  bridge   local
5db7e91df6a5    my-network bridge   local
a4362bccf48d    none      null     local
PS C:\Users\isabe> docker --version
Docker version 27.4.0, build bde2b89
PS C:\Users\isabe>
```

PART 2

2.1 Screenshot showing the created network (docker network ls).

```
5db7e91df6a538039a0266c96634d05af85db6c0fbcc93fba012a21635678c4b
PS C:\Users\isabe> docker network ls
NETWORK ID      NAME      DRIVER  SCOPE
fa886671ca2d    bridge    bridge   local
cede5f60092f    host      host     local
a709ba8bb081    minikube  bridge   local
5db7e91df6a5    my-network bridge   local
a4362bccf48d    none      null     local
PS C:\Users\isabe>
```

2.2 Screenshot of docker ps showing the running container.

Containers

View all your running containers and applications. [Learn more](#)

Container CPU usage
0.10% / 800% (8 CPUs available)

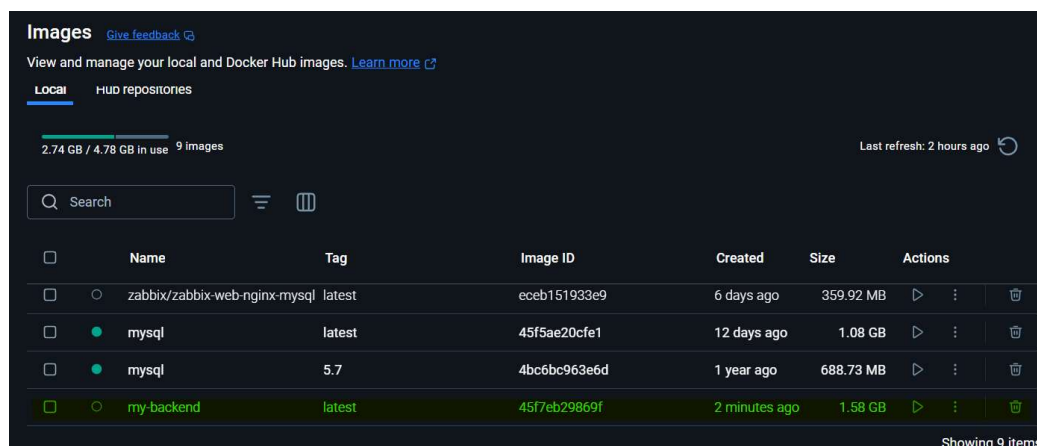
Container memory usage
200.1MB / 7.43GB

Show charts

☐ Only show running containers

<input type="checkbox"/>	Name	Container ID	Image	Port(s)	Actions
<input type="checkbox"/>	confident_turing	476620cc07af	alpine		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	minikube	756fb8646b70	kicbase/stable:v0.0.46	0:22 Show all ports (5)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	Running db	e444b6954d39	mysql:5.7	3306:3306	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

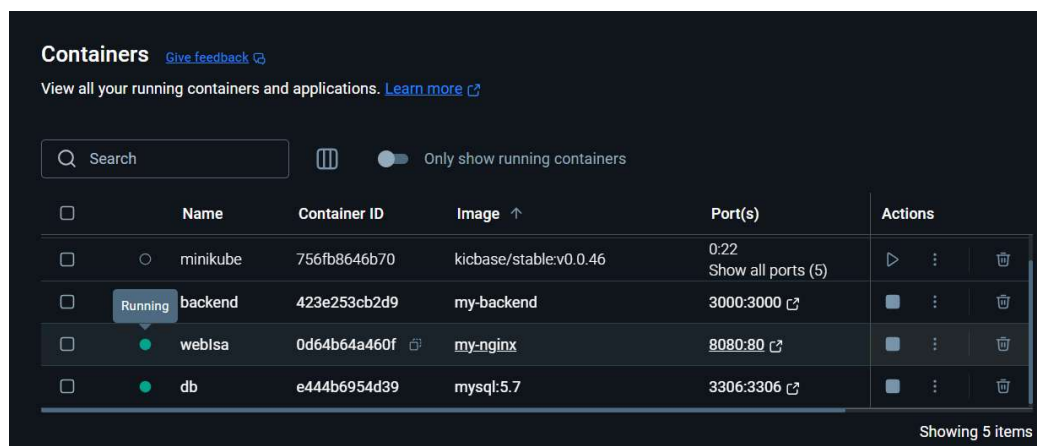
2.3 Screenshot of docker images showing the created image.



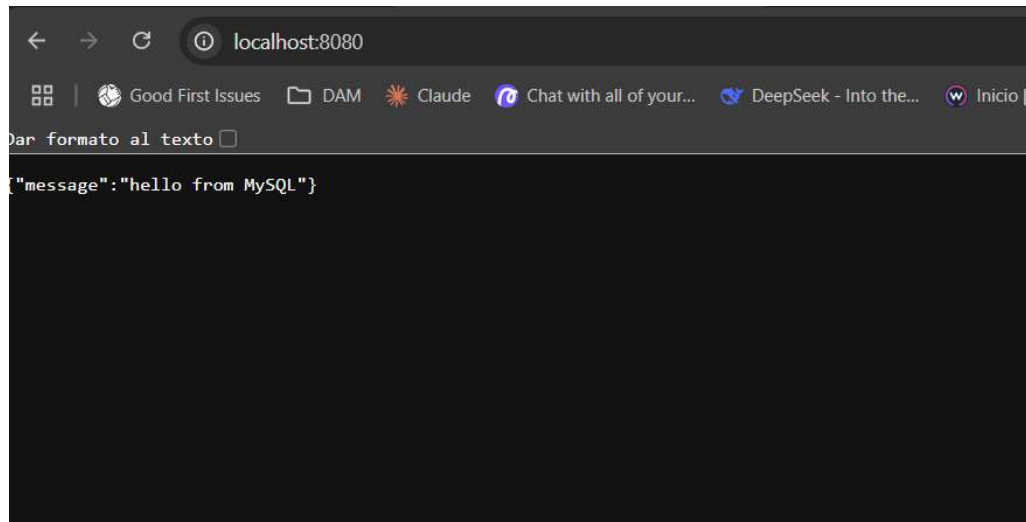
2.3 Screenshot of docker ps showing the running backend.



2.4 screenshot of docker ps showing the running web server.

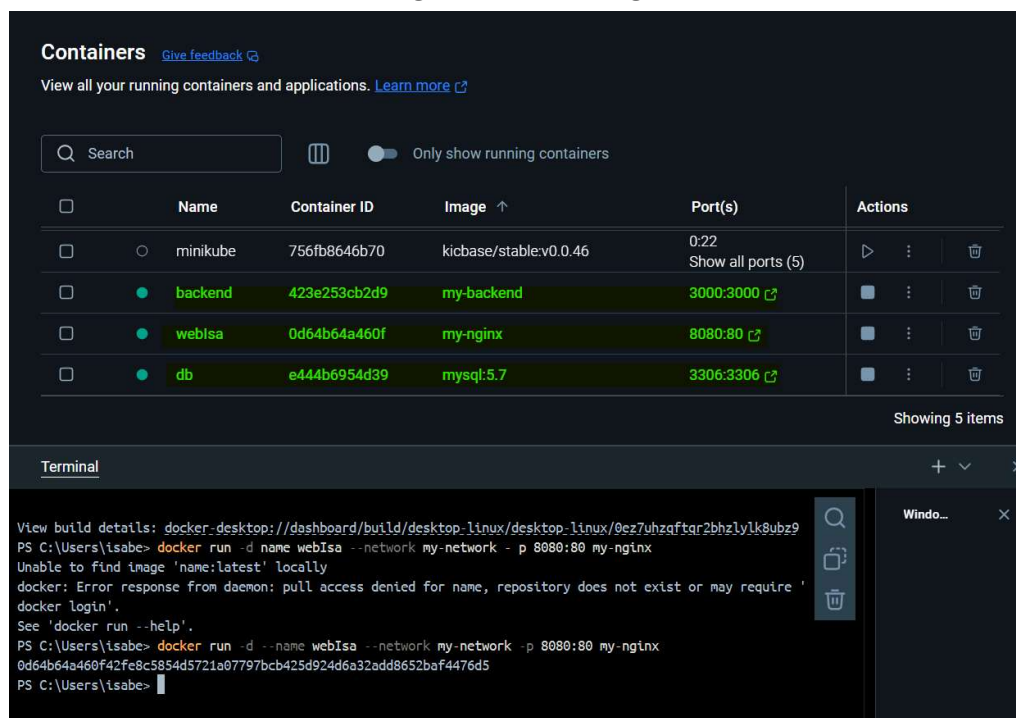


2.4 Screenshot of the browser accessing <http://localhost:8080> and displaying the backend response.

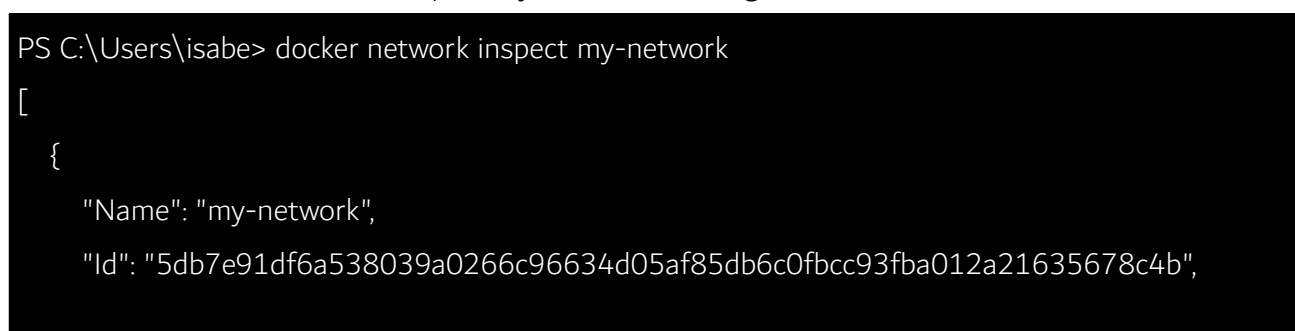


PART 3

Screenshot of docker ps showing all three running containers



Screenshot of docker network inspect my-network showing the connection between containers.



```
"Created": "2025-02-03T07:16:35.369993089Z",
"Scope": "local",
"Driver": "bridge",
"EnableIPv6": false,
"IPAM": {
  "Driver": "default",
  "Options": {},
  "Config": [
    {
      "Subnet": "172.18.0.0/16",
      "Gateway": "172.18.0.1"
    }
  ]
},
"Internal": false,
"Attachable": false,
"Ingress": false,
"ConfigFrom": {
  "Network": ""
},
"ConfigOnly": false,
"Containers": {
  "0d64b64a460f42fe8c5854d5721a07797bcb425d924d6a32add8652baf4476d5": {
    "Name": "weblsa",
    "EndpointID":
"7c0d25c86701ee9bd8cf1831684b8e1670a4e091c0996c6e93f3d7911de65371",
    "MacAddress": "02:42:ac:12:00:04",
    "IPv4Address": "172.18.0.4/16",
  },
  "423e253cb2d999c97e9ccf0eeb98da35d5485bf11ee6f1fa7c1c5c52a5e033e3": {
    "Name": "backend",
    "EndpointID":
"63c201634c30f11abcf09c0f71c5f461c4cdf368fea2d3faf91fa1aeff05d445",
    "MacAddress": "02:42:ac:12:00:03",
    "IPv4Address": "172.18.0.3/16",
```

```

    "IPv6Address": ""
  },
  "e444b6954d39d1616ac38bddf2eaa856a871ba627f70167f6f9c3c6c11294195": {
    "Name": "db",
    "EndpointID":
"5cf4fa3efd757be2cb4d667ed64a0291edcee51f2214e860852b8a22cdc6e71f",
    "MacAddress": "02:42:ac:12:00:02",
    "IPv4Address": "172.18.0.2/16",
    "IPv6Address": ""
  }
},
"Options": {},
"Labels": {}
}

```

PART 4

Architecture diagram of this deployment with draw.io

