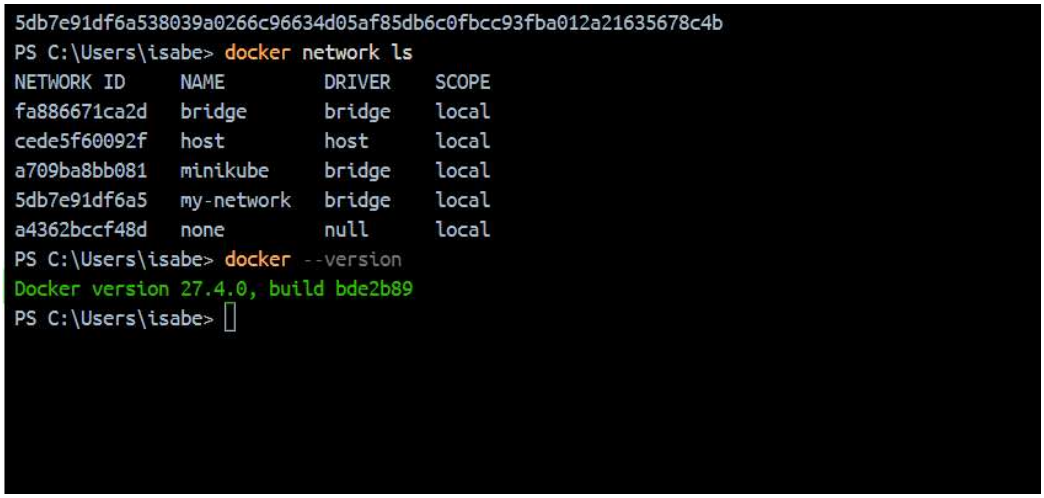
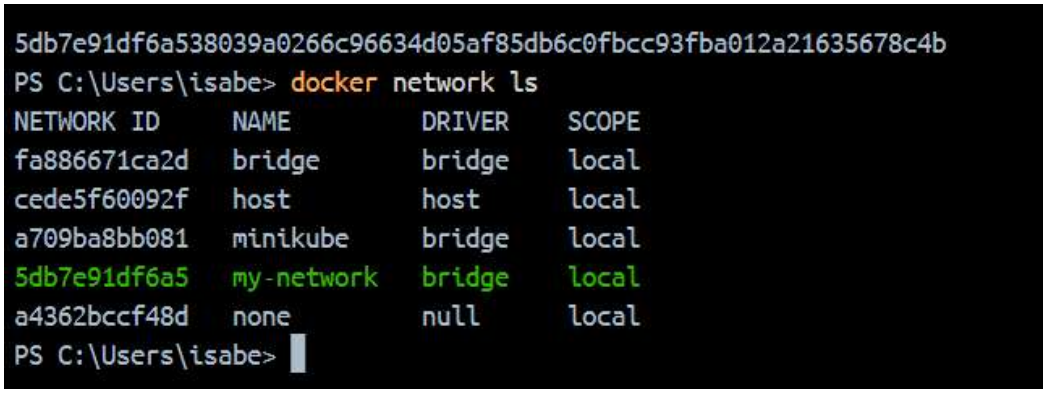
PART 1

1.1 Screenshot showing the installed Docker version.

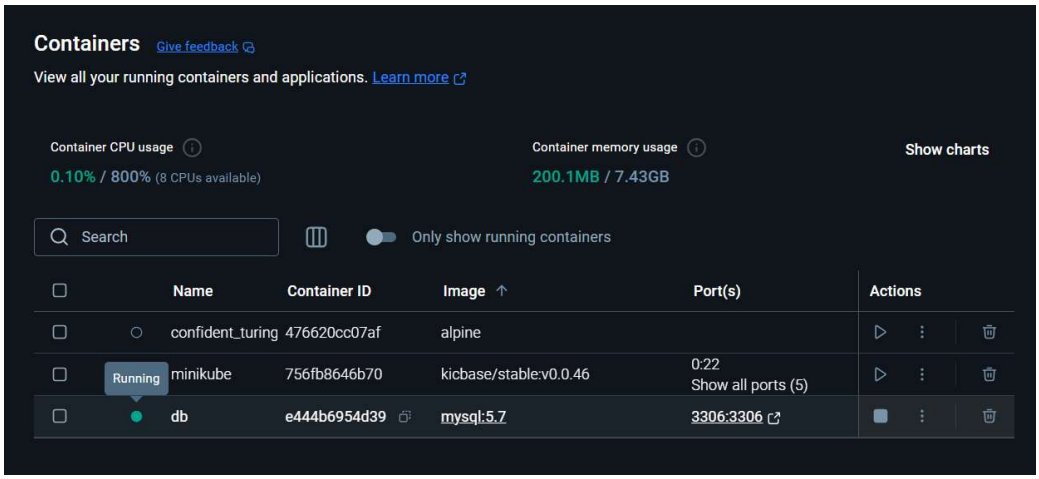


PART 2

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

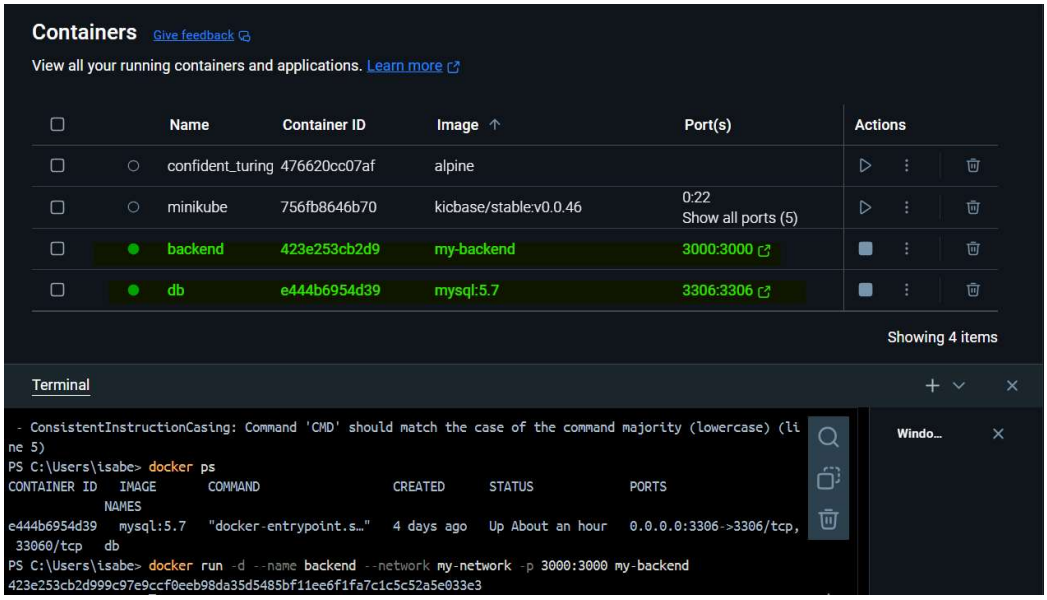


2.2 Screenshot of docker ps showing the running container.

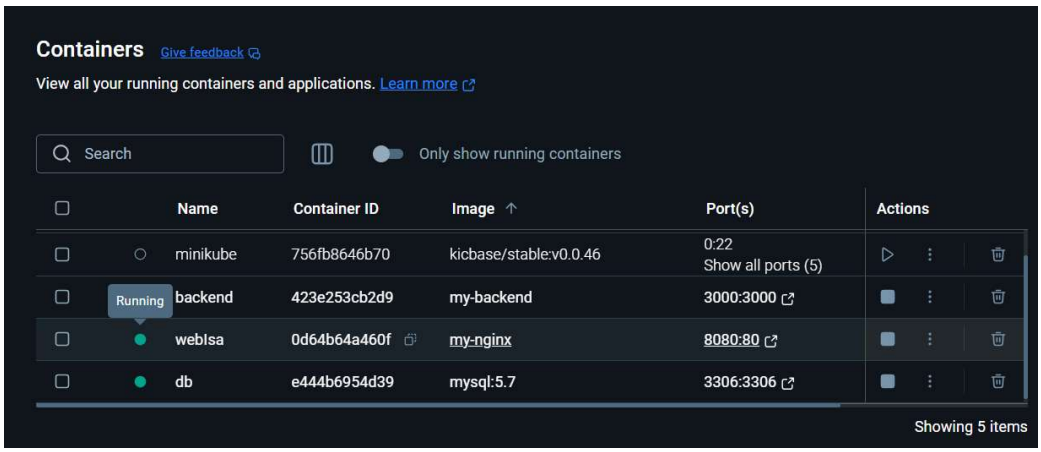


2.3 Screenshot of docker images showing the created image.

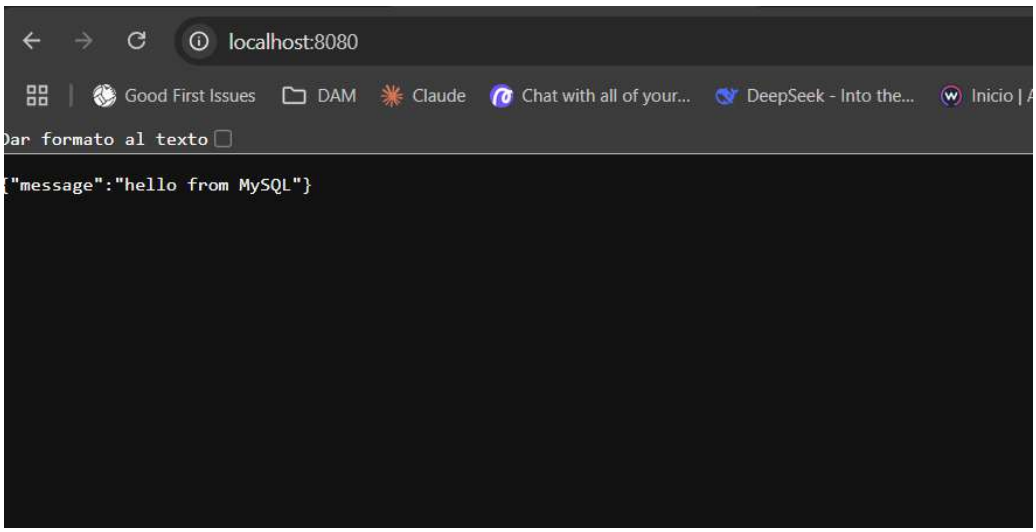
2.3 Screenshot of docker ps showing the running backend.



2.4 creenshot of docker ps showing the running web server.

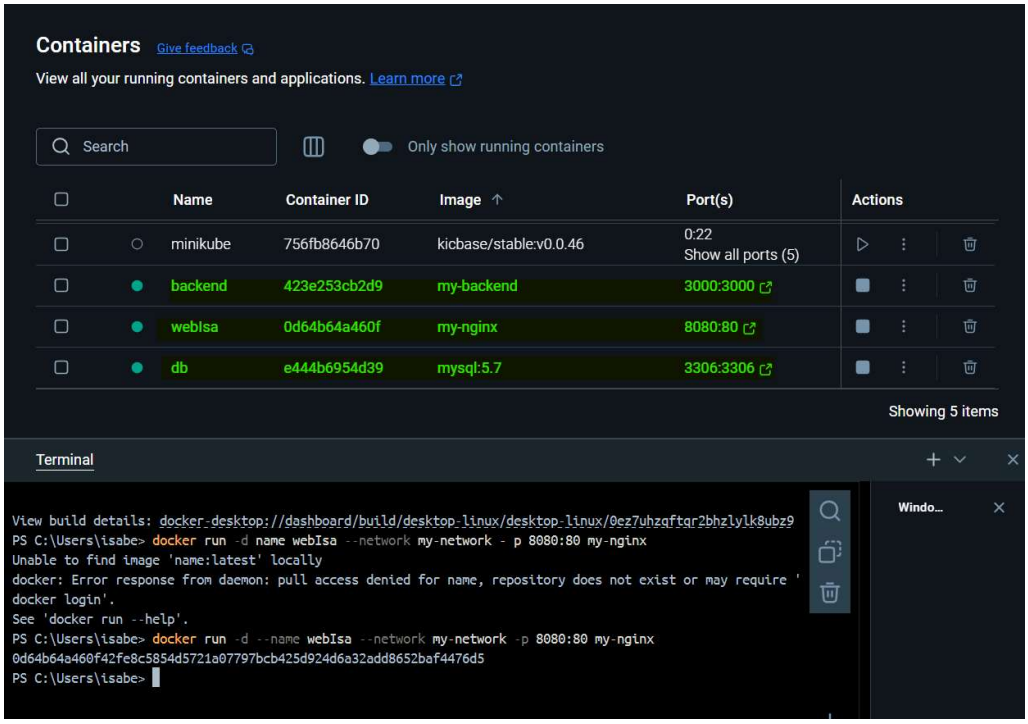


2.4 Screenshot of the browser accessing http://localhost:8080 and displaying the backend response.



PART 3

Screenshot of docker ps showing all three running containers



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

```
PS C:\Users\isabe> docker network inspect my-network
[
    {
        "Name": "my-network",
        "Id": "5db7e91df6a538039a0266c96634d05af85db6c0fbcc93fba012a21635678c4b",
```

```
        "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": "webIsa",
                "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