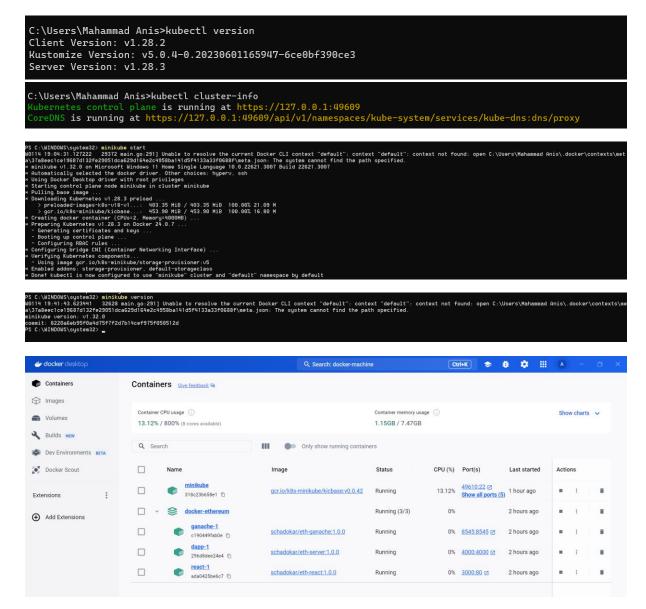
Lab 2

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- 1. Run full-stack Ethereum using Docker containers. You are basically using Docker Compose to run the application.
- → Video link: https://youtu.be/z7mhTvJKSsw

2.



3: Quiz (1 point)

Understand what Kubernetes doesn't do from here
(https://kubernetes.io/docs/concepts/overview/) and explain in your own words. Do not copy and paste from the website.

Ans: Kubernetes is not a comprehensive PaaS system; it doesn't limit application types, nor does it handle code deployment or application building, as they are the part of CI/CD process. It doesn't provide built-in application services like databases or message buses, nor does it offer specific logging, monitoring, or alerting solutions. Kubernetes doesn't control the configuration language and doesn't manage comprehensive machine tasks. Kubernetes goes beyond mere orchestration by continuously aligning the system's current state with the desired state, rather than following a rigid, predefined workflow.

2. What other Orchestration tools are available other than Kubernetes

Answer: Other than Kubernetes, there are several container orchestration tools available, including:

Docker Swarm, Rancher, HashiCorp, Mesos, Google Kubernetes Engine (GKE), Amazon ECS, Nomad, Azure Kubernetes Service, OpenShift, and Helios.