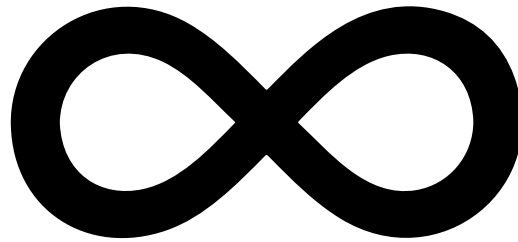


Plan

Code

Build

Test

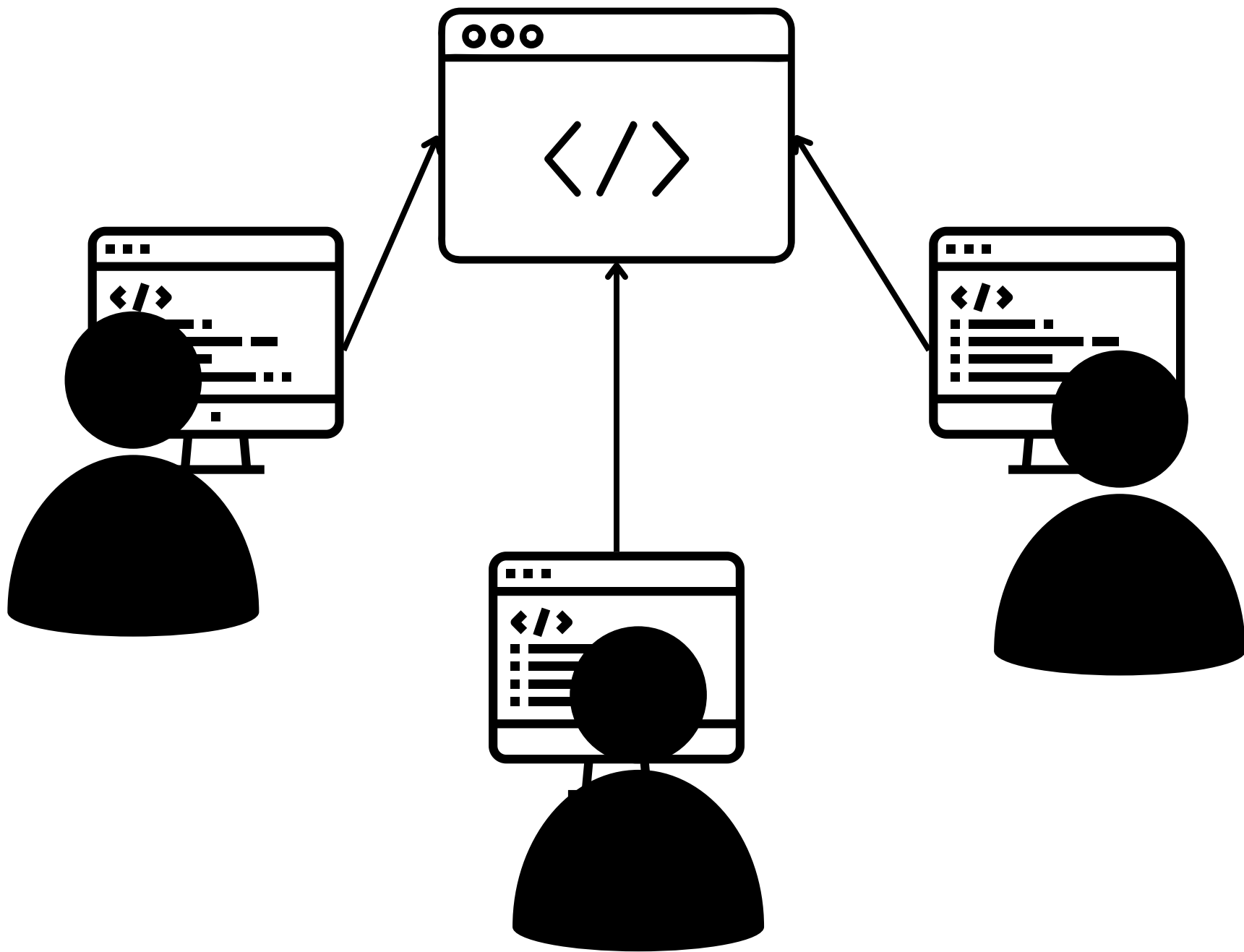


Release

Deploy

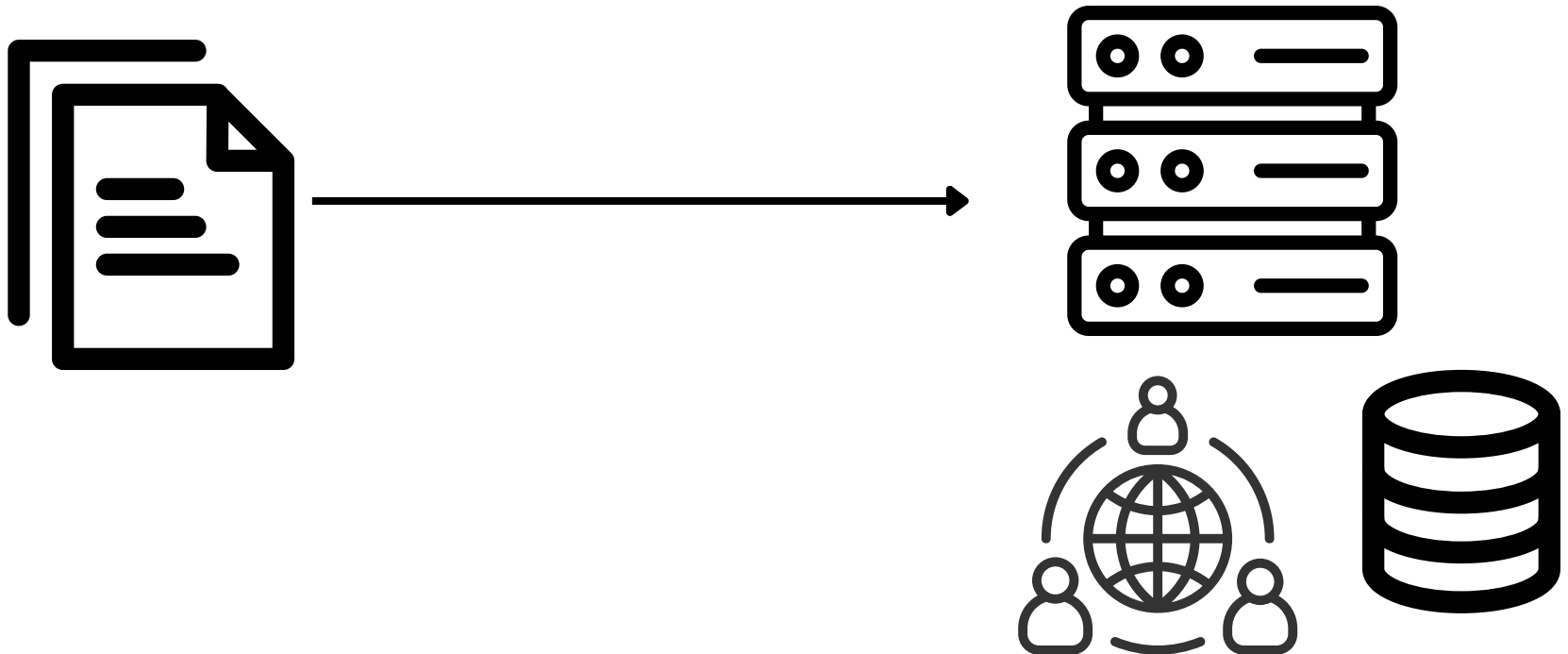
Operate

Monitor

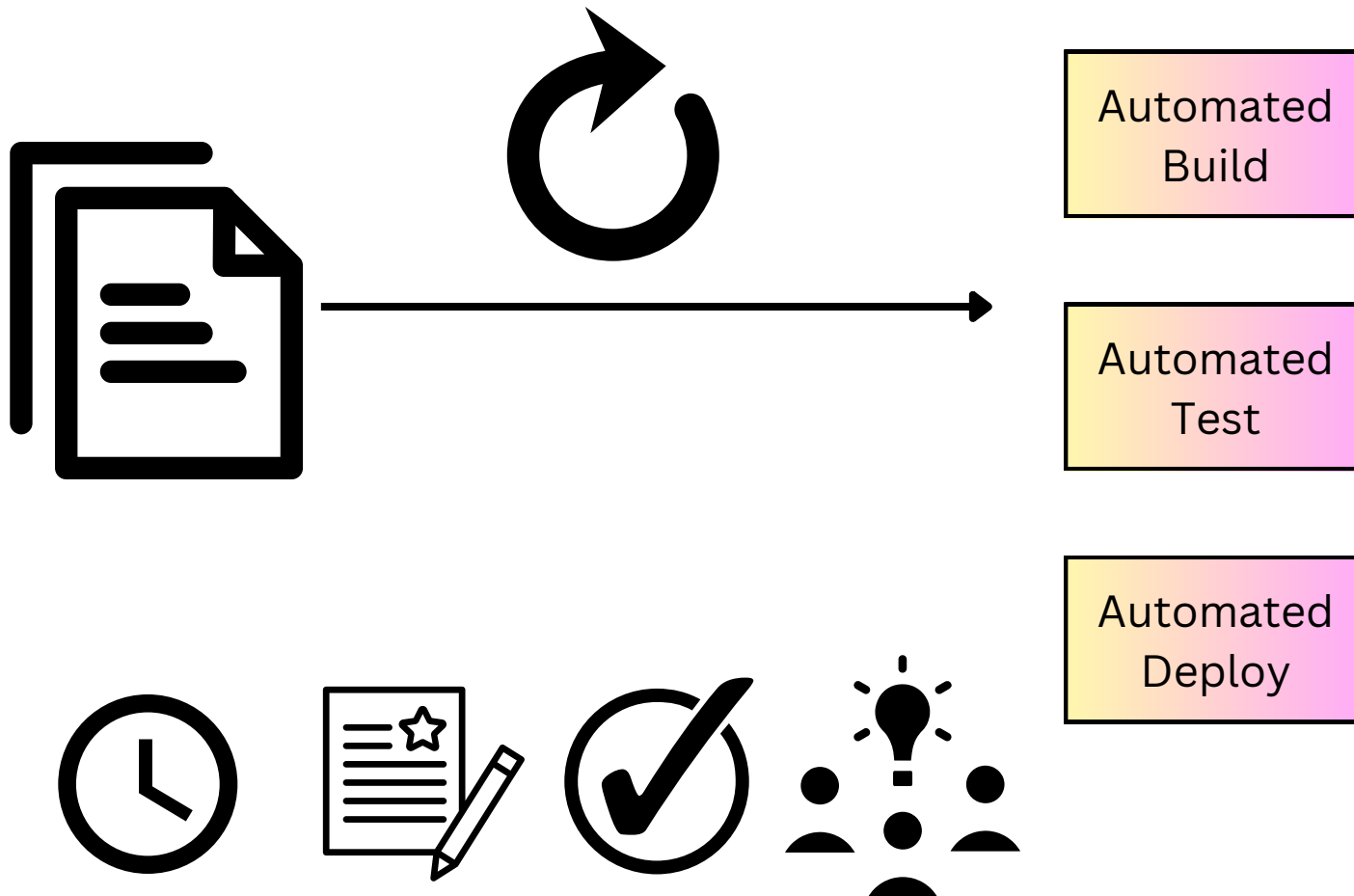


Infrastructure as Code

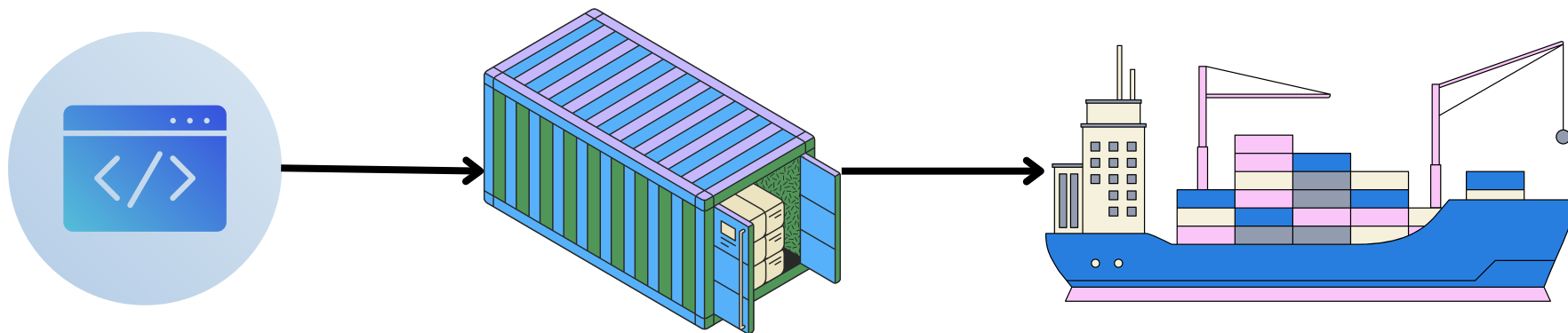
Configuration Management



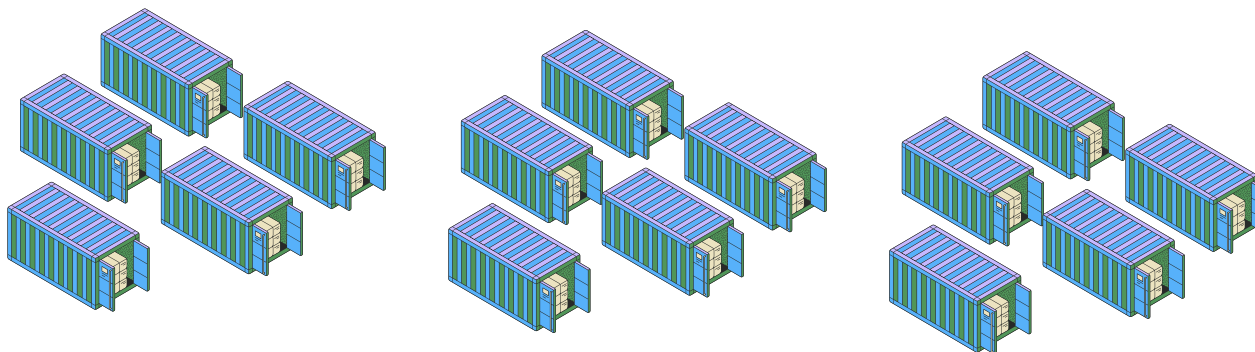
Continuous Integrations Continuous Deployment



Docker



Kubernetes



Tools

Visual Studio code or any IDE



Docker Desktop



Minikube

AWS



Git

Github

Ansible

Terraform

Jenkins

Prometheus

Grafana



16 weeks Devops Challenge

EVERY MILESTONE WILL HAVE 5 TASKS

Week 1

Git and
GitHub

MILESTONE 1

Week 2

Docker

MILESTONE 2

Week 3

CICD with
Jenkins and
Github
Action

MILESTONE 3

Week 4

Kubernetes

MILESTONE 4

16 weeks Devops Challenge

EVERY MILESTONE WILL HAVE 5 TASKS

Week 5

AWS

MILESTONE 5

Week 6

Terraform

MILESTONE 6

Week 7

Ansible

MILESTONE 7

Week 8

Prometheus
and Grafana

MILESTONE 8

Rules

- To participate in this challenge, write a post on LinkedIn regarding this challenge
- Complete the designated tasks for each milestones promptly.
- Complete tasks before the given deadline.
- Collaboration with fellow participants is encouraged for select assignments.
- Be punctual for online sessions and group activities
- Stay updated through the provided communication channels
- Show dedication and commitment to the challenge throughout its duration.
- Embrace the learning experience and make the most of the opportunities.
- Have Fun and Enjoy Learning