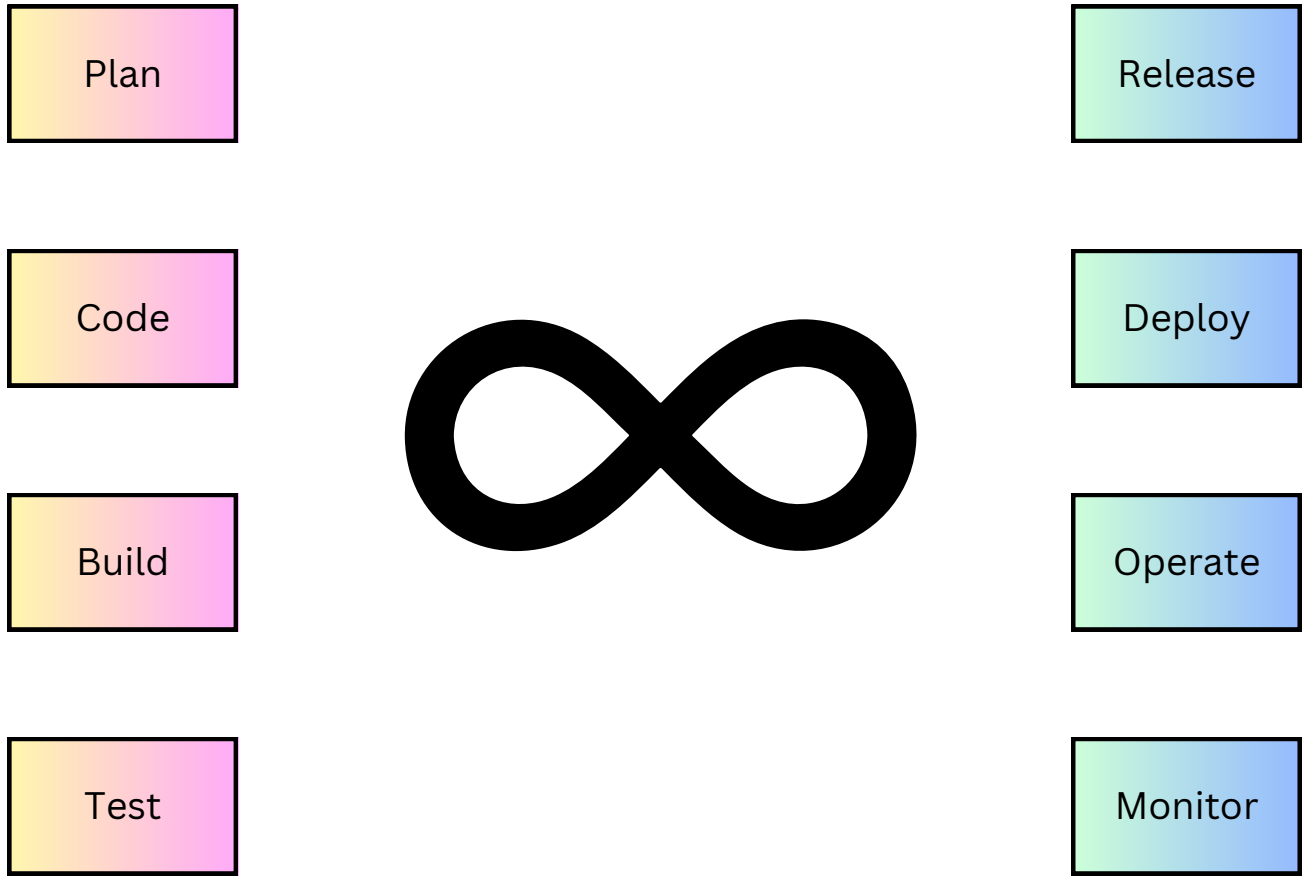
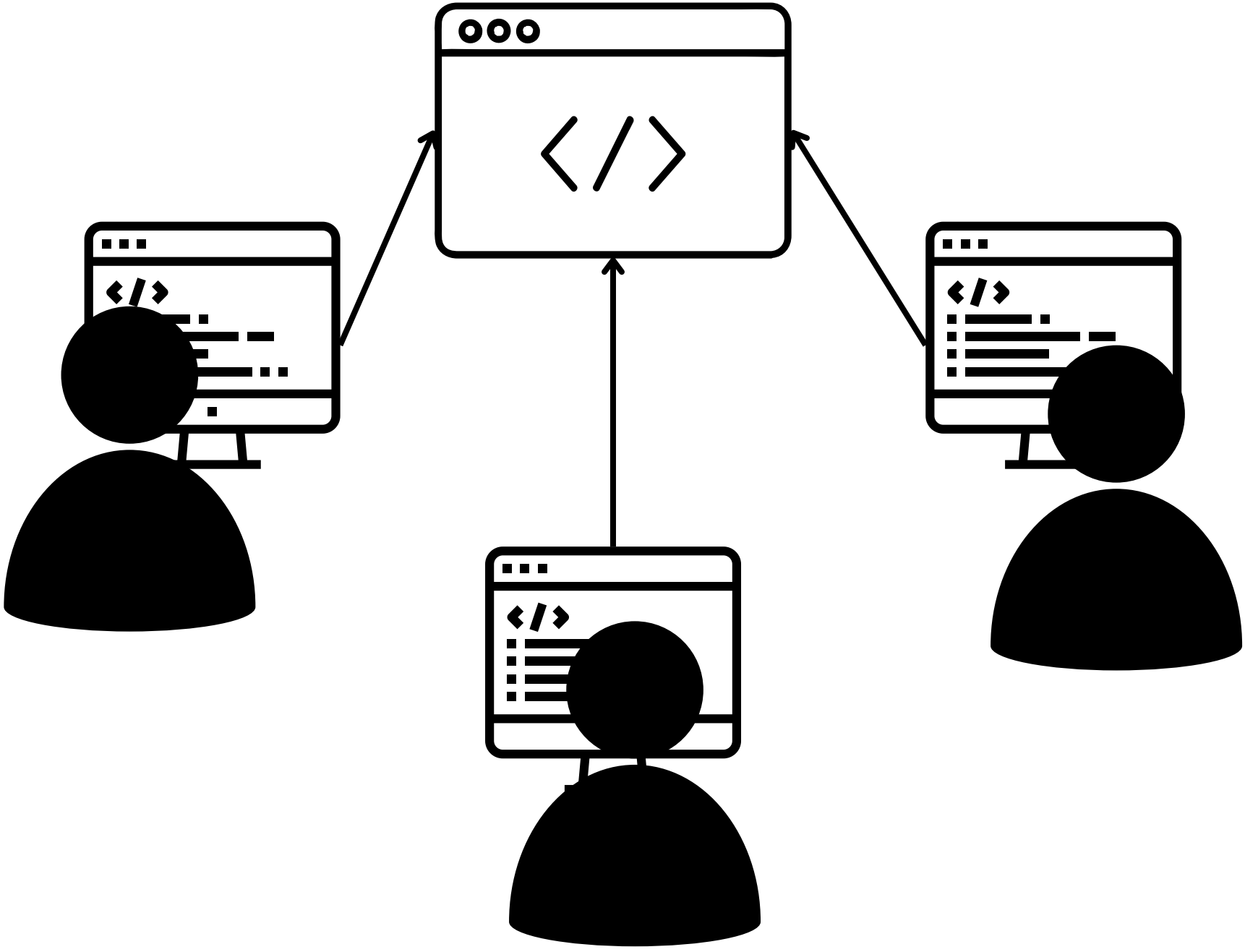
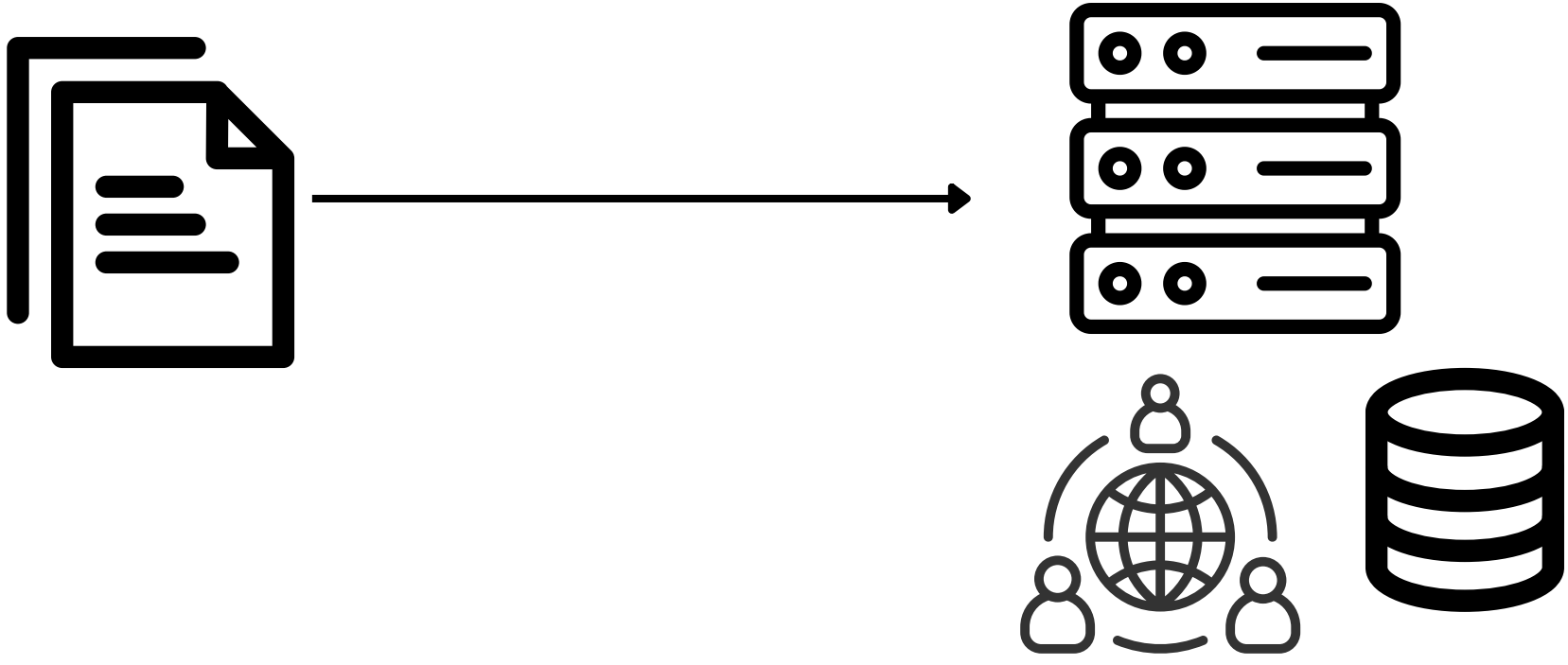

Plan
Code
Build
Test
Release
Deploy
Operate
Monitor

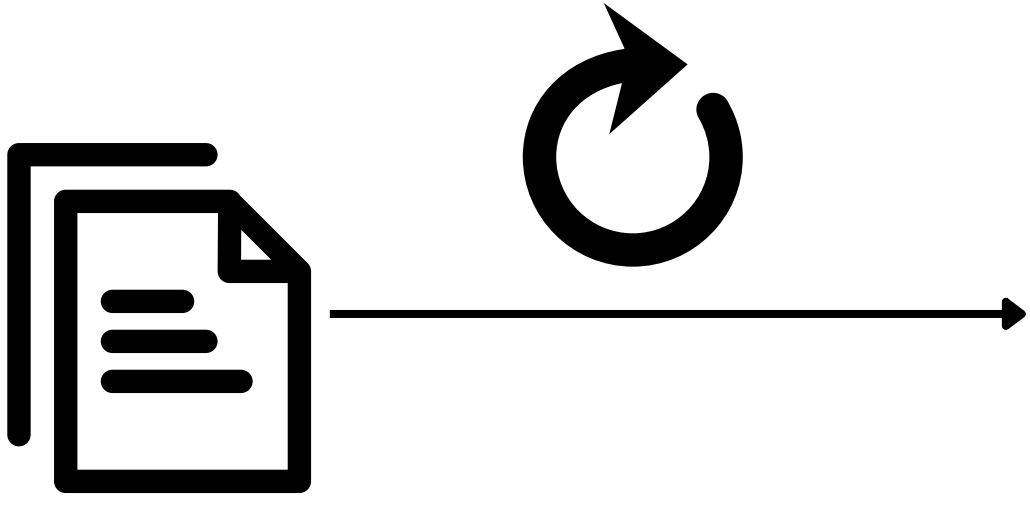


Infrastructure as Code

Configuration Management



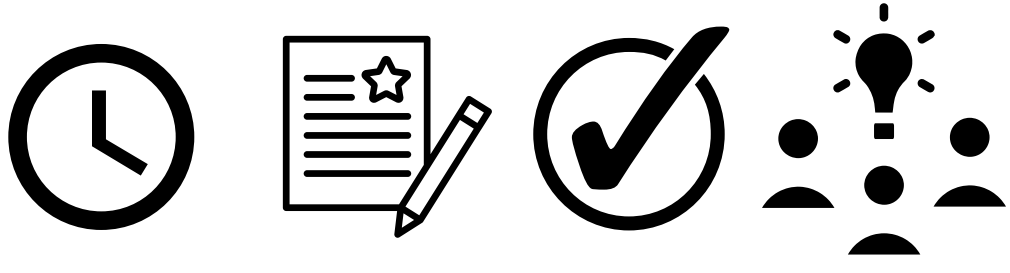
Continuous Integrations
Continuous Deployment



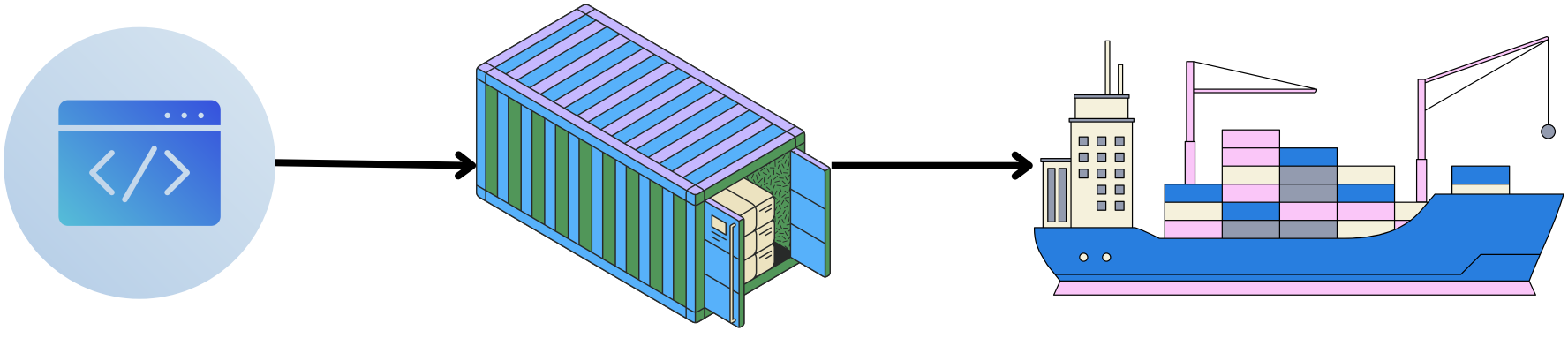
Automated Build

Automated Test

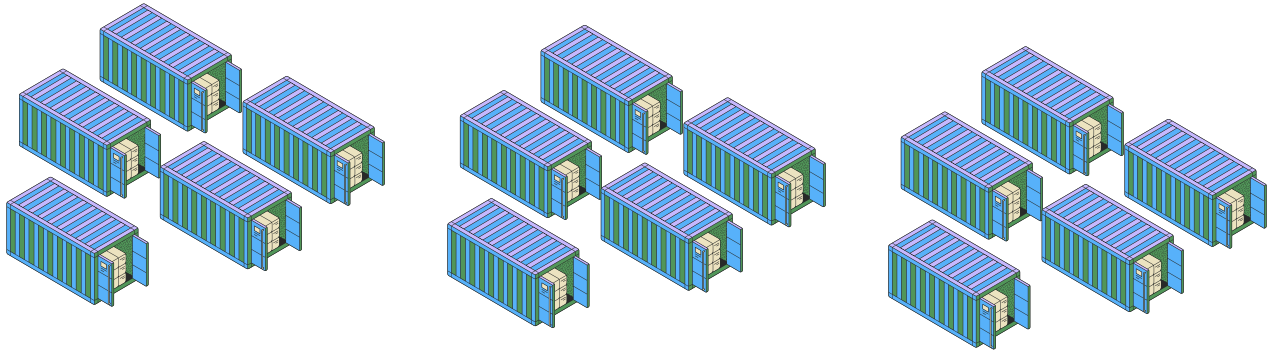
Automated Deploy



Docker



Kubernetes



Tools

Visual Studio code or any IDE
Docker Desktop
Minikube
AWS
Git
Github
Ansible
Terraform
Jenkins
Prometheus
Grafana

8 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

8 weeks Devops Challenge

EVERY MILESTONE WILL HAVE 5 TASKS

Week 5	Week 6	Week 7	Week 8
AWS	Terraform	Ansible	Prometheus and Grafana
MILESTONE 5	MILESTONE 6	MILESTONE 7	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