

# DevOps Coding Practice Sheet

1. Write a Bash script to check disk usage and send an alert if it exceeds 85%.
2. Write a command to delete ``.log`` files older than 10 days from `/var/logs`.
3. How would you loop through all files in a directory and count lines in each file using Bash?
4. What is the difference between ``COPY`` and ``ADD`` in a Dockerfile?
5. Write a Dockerfile to serve static HTML content using Nginx.
6. Create a Kubernetes Deployment YAML for a container running on port 8080 with 2 replicas.
7. In Terraform, how do you define a variable and pass it via command line?
8. Write a GitLab CI job to build and deploy a Docker image.
9. What command lists all running containers in Docker?
10. How would you expose a Kubernetes service externally using a LoadBalancer?