

Practical 7: Deploy Frontend & Backend on Kubernetes

Docker Desktop interface showing the 'Images' section. The sidebar includes 'Ask Gordon', 'Containers', 'Images' (selected), 'Volumes', 'Kubernetes', 'Builds', 'Models', 'MCP Toolkit', 'Docker Hub', 'Docker Scout', and 'Extensions'. The main area shows 26 images with columns for Name, Tag, Image ID, Created, Size, and Actions. The status bar at the bottom indicates 'Engine running' and 'Kubernetes starting'.

Name	Tag	Image ID	Created	Size	Actions
registry.k8s.io/kube-apiserver	v1.32.2	c449f3e751	9 months ago	128.94 MB	[Actions]
registry.k8s.io/kube-proxy	v1.32.2	83c025f0faa6	9 months ago	128.7 MB	[Actions]
registry.k8s.io/kube-scheduler	v1.32.2	45710d74cf5d	9 months ago	93.53 MB	[Actions]
registry.k8s.io/kube-controller-man	v1.32.2	399aa50f4d13	9 months ago	119.27 MB	[Actions]
<none>	<none>	2f590fc602ce	1 year ago	6.77 MB	[Actions]
busybox	latest	e3652a00a2fa	1 year ago	6.77 MB	[Actions]
registry.k8s.io/etcd	3.5.16-0	c6a9d11cc5c0	1 year ago	210.96 MB	[Actions]
registry.k8s.io/coredns/coredns	v1.11.3	9caabbf6238b	1 year ago	85.05 MB	[Actions]
registry.k8s.io/pause	3.10	ee6521f290b2	1 year ago	1.05 MB	[Actions]
docker/desktop-vpnkit-controller	dc331cb22850be0dd97c84a9cef0	7ecf567ea070	2 years ago	46.99 MB	[Actions]
docker/desktop-storage-provisioner	v2.0	115d77fe6e2	5 years ago	59.16 MB	[Actions]

Browser screenshot showing the E-Commerce KLU website at localhost:30083/ecommerce/about-us. The page features a navigation menu on the left with links to 'About Us', 'Computers', 'Mobiles', 'Laptops', and 'Pendrives'. The main content area has a heading 'About Our Electronic Store' and a welcome message. Below are four product categories: 'Computers' (monitor image), 'Mobiles' (smartphone image), 'Laptops' (laptop image), and 'Accessories' (USB drives image). Each category has a brief description.

E-Commerce KLU

About Us

Computers

Mobiles

Laptops

Pendrives

About Our Electronic Store

Welcome to our E-Commerce platform, your one-stop shop for the latest and greatest in electronics! We specialize in high-quality products, including computers, mobiles, laptops, and accessories.

Computers
Find the best computers for gaming, work, and personal

Mobiles
Latest smartphones from top brands at unbeatable

Laptops
Powerful laptops for professionals, students, and

Accessories
Find the best accessories like pendrives, keyboards, and

