

<b>S No</b>	<b>Topic</b>
<b>1</b>	<b>Introduction to Containerization and Docker</b>
<b>2</b>	<b>Installing Docker</b>
	1) Installing on macOS
	2) Installing on Windows
	3) Installing on Linux
<b>3</b>	<b>Hello World in Docker</b>
	1) Container
	2) Image
	3) Registry
	4) Docker Architecture
	5) The Full picture
<b>4</b>	<b>Container Manipulation Basics</b>
	1) Running Containers
	2) Publishing Ports
	3) Detached Mode
	4) Listing Containers
	5) Naming or Renaming Containers
	6) Stopping or Killing a Running Container
	7) Restarting Containers
	8) Creating Containers Without Running
	9) Removing Dangling Containers
	10) Running Containers in Interactive Mode
	11) Executing Commands Inside a Container
	12) Working with Executable Images
<b>5</b>	<b>Image Manipulation Basics</b>
	1) Image Creation Basics
	2) Tagging Images
	3) Listing and Removing Images
	4) Understanding the Many Layers of an Image
	5) Building NGINX from Source
	6) Optimizing Images
	7) Embracing Alpine Linux
	8) Creating Executable Images
	9) Sharing Your Images Online
<b>6</b>	<b>Containerizing a JavaScript Application</b>
	1) Writing the Development Dockerfile
	2) Working with Bind Mounts
	3) Working with Anonymous Volumes
	4) Performing Multi-Staged Builds
<b>7</b>	<b>Network Manipulation Basics</b>
	1) Network Basics
	2) Creating a User-Defined Bridge

	3) Attaching Containers from a Network
	4) Detaching Containers from a Network
	5) Getting Rid of Networks
<b>8</b>	<b>Containerizing a Multi-Container JavaScript Application</b>
	1) Setting Up the Custom Bridge Network
	2) Running the Database Server
	3) Working with Named Volumes
	4) Accessing Logs from a Container
	5) Attaching the Database Server
	6) Creating a Network and Attaching the Database Server
	7) Writing the Dockerfile
	8) Executing Commands in a Running Container
	9) Writing Management Scripts
<b>9</b>	<b>Composing Projects using Docker-Compose</b>
	1) Compose Basics
	2) Starting Services
	3) Listing Services
	4) Executing Commands Inside a Running Service
	5) Accessing Logs from a Runtime Service
	6) Stopping Services
	7) Composing a Full-Stack Application