* What is Docker?
* Containerization vs Virtualization
* Advantages of Containerization
* Installing Docker
* Understanding Docker Terminologies
  + - Docker Images
  + - Docker Containers
  + - Docker Host
  + - Docker Client
* Listing out important commands in Docker
* Run command options in Docker.
* Downloading the image and creating a container
* Stopping the container and removing the container
* Understanding detached mode and interactive mode
* Using an environment variable
* Creating multi-container architecture using the link
* Installing Docker compose
* Examples of Docker compose files.
* Understanding Docker Volume
* Types of Docker Volume
  + Simple Docker Volume
  + Docker Volume Containers
* Understanding Docker Volume
* Types of Docker Volume
  + Simple Docker Volume
  + Docker Volume Containers
* Creating customized Docker Images
* Understanding the Keywords of the Docker file
* Working with Docker file
* Version controlling on Docker file.
* Cache Busting
* Understanding the default process of the container
* Changing the default process of the container
* Working with Registry
  + Public Registry
  + Private Registry

Container Orchestration

* + Load Balancing
  + Scaling of containers
  + Performing rolling Updates
  + Handling failover Scenarios

Remove node from docker swarm.

* Swarm Intro and Creating a 3-Node Swarm Cluster
* Swarm Mode a Built-In Orchestration
* Creating Your First Service and Scale It Locally
* Creating a 3-Node Swarm Cluster
* Swarm Basic Features and How to Use Them in Your Workflow
* Scaling Out with Overlay Networking
* Create A Multi-Service Multi-Node Web App
* Service Placement Preference
* Node Availability

Docker Networking

* Understanding Docker Networking
* Drawback to Docker0 Network
* Creating our custom network
* Need for creating custom network.
* Creating container in custom network