Phase 5

Lesson 5 project

Deploying ELK Stack on Docker Container

**Write up:**

**Objective:**

You have to deploy ELK Stack on a Docker container to implement continuous monitoring.

**Problem statement:**

Your manager has asked to create an elegant user interface for data analysis and data visualization as you have worked on ELK stack previously and have the idea of how it works. This will help the DevOps team to monitor and analyze the application behavior.

**use the following:**

* Docker: To create a container for installing ELK Stack
* ELK Stack: To implement continuous monitoring

Steps to follow:

* To deploy the ELK stack on the docker container
* First install the docker
* The install the docker-compose inside the docker machine
* create a **docker-compose.yml** and add this code
* Clone that github file using
* git clone <https://github.com/lvthillo/docker-elk.git>
* do cd docker-elk
* do docker-compose up –d to deploy the ELK stack to docker container
* docker container run -d --name myapp -p 8080:8080 13nishchith/myapps
* Browse your localhost ip address to see output