**DEPLOYING ELK STACK ON DOCKER CONTAINER**

**github link:**

[**https://github.com/saranya611/testapp/tree/main/phase5**](file:///C:\Users\SARANYA%20V\Desktop\repository\phase5)

**writeup:**

* To pull the ELK image from the Docker registry, open the terminal and run:
  + sudo docker pull sebp/elk
* There are two ways to build the image from a source file. Use either vanilla Docker or Docker compose. In both cases, clone the Git repository and enter the directory:
  + git clone <https://github.com/saranya611/elk-docker.git>
  + cd elk-docker
* To build the Docker image with the **docker build** command, run:
  + sudo docker build -t elk-docker
* ELK provides various plugins to enrich the system with additional features and libraries. When running ELK on Docker, use the Dockerfile to install plugins and build the image to run the installation.
* Open the Dockerfile located in the repository directory:
  + sudo nano Dockerfile
* Then install the Elasticsearch plugin and install the Logstash plugins and kibana plugins
* Then run the ELK container. For this we have two ways:
  + From the image through the **docker run** command.
  + Using Docker compose.