CONFIGURATION & SETUP OF ENVIRONMENT

- Pre-Requisite

    + Start Docker Service on Kali Linux - systemctl start docker.

    + Make sure no other docker container are running - docker stop $(docker ps -a -q)

1) Pull the Framework

- Visit Docker Hub - https://hub.docker.com/r/0007000/cyberifi_ctf

+ Fetch the Image – docker pull 0007000/cyberifi_ctf

+ Run the Framework - docker run -p 8000:8000 -it 0007000/cyberifi_ctf

+ Visit http://0.0.0.0:8000

2) Visit GitHub to Fetch Docker Challenges

- Clone the GitHub Repo – git clone https://github.com/raghavtalwar/cyberifi_ctf

- Extract the .Zip File – unzip docker_challenges.zip

- Now Change Directory and Go Inside the SQL Folder

- Type the Following 2 commands -

+ docker-compose up -d – 2 Images one will be SQL server & apache server (!!!!!)

+ Check if 2 Images are running - docker ps

In order to run MySQL service, we need to SSH inside Docker, to do this. We can use the following commands –

-   Make sure to enter the correct Container ID of the Apache Container running, you can check the container running via docker ps command.

+ docker exec -t -i 294e67671cc6 /bin/bash

+ service mysql start

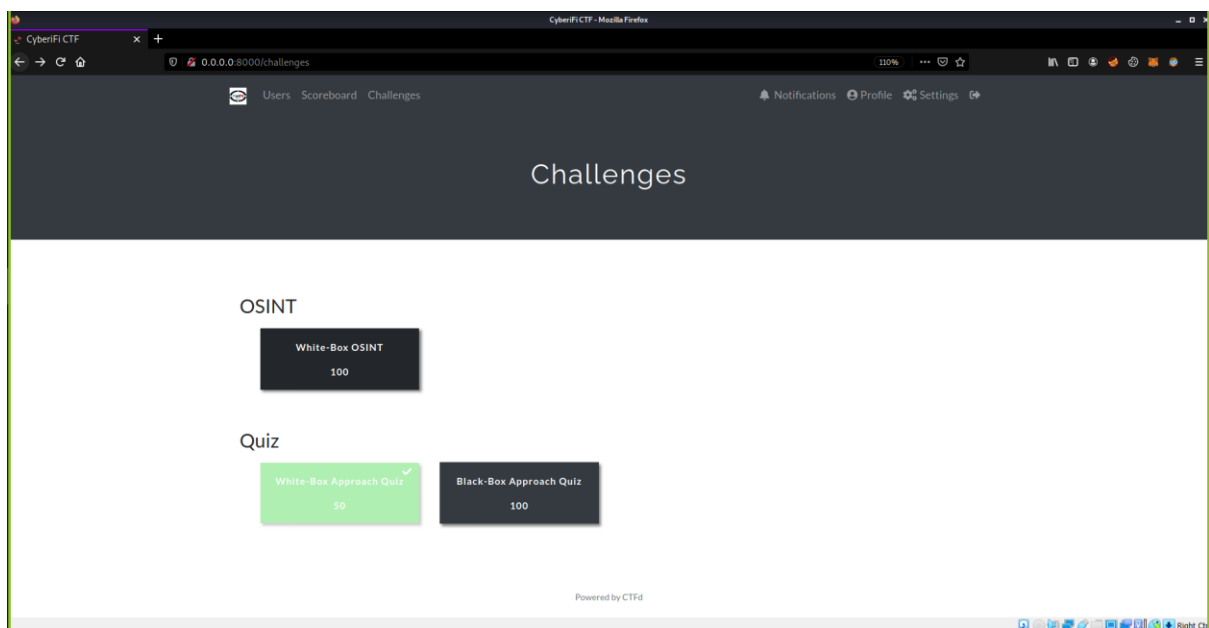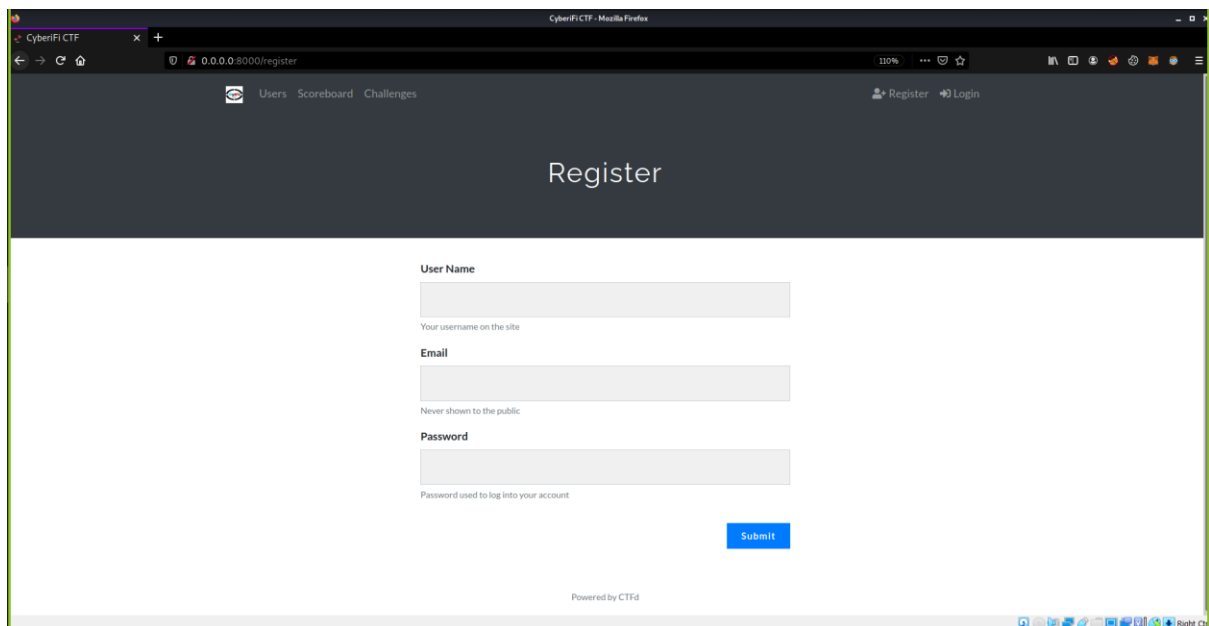**Now, you can visit http://0.0.0.0:8000 and start playing the CyberiFi CTF.**

-   Create a new user.
-   Solve Challenges
-   Gain Points

Other Basic Docker Commands –

- systemctl start docker

- docker pull ctfd/ctfd

- Stop all running containers - docker stop $(docker ps -a -q)

- Remove all containers - docker rm $(docker ps -a -q)

- Remove all images - docker rmi $(docker images -q)