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IV - ACSAD**

## **DOCKER ACTIVITY**

**GITHUB REPO:** <https://github.com/lanserinno/DockerActivity>

### **STEPS DONE:**

**# Go to your Desktop**

```
cd C:\Users\Admin\Desktop
```

**# Create your project folder**

```
mkdir DockerActivity  
cd DockerActivity
```

**# Go to your project folder**

```
cd C:\Users\Admin\Desktop\DockerActivity
```

**# Create the Dockerfile**

```
notepad Dockerfile
```

**# Use an official Nginx image from Docker Hub (Put this into the DockerFile file)**

```
FROM nginx:latest
```

**# Copy your HTML file into the Nginx web directory (overwrite default)**

```
COPY index.html /usr/share/nginx/html/index.html
```

**# Expose port 80 so the container can be accessed**

```
EXPOSE 80
```

**# Create your HTML file**

notepad index.html

**# Create your html file that you will show on the browser (put whatever code you want)**

**# Build your Docker image (creates the image from Dockerfile)**

docker build -t dockeractivity .

**# (Optional) Check that the image was created**

docker images

**# Run a new container and map port 8080 on your PC to port 80 in the container**

docker run -d -p 8080:80 dockeractivity

**# (Optional) Verify that the container is running**

docker ps

**# Open your browser and visit:**

# <http://localhost:8080>

**# (Optional) Stop the running container when finished**

docker stop <container\_id>