

# DOCUMENTATION OF WEB HOSTING THROUGH DOCKER

**The docker install, run, creating new container, pulling the image and starting the container commands in the windows.**

## INSTALLATION OF DOCKER IN WINDOWS.

- Open web server types the command `hub.docker.com`
- Open the Docker hub: type the command `httpd`
- Select without docker and open the command prompt
  1. Open docker folder and also open the hosting file go into the "CMD" and type the docker 1<sup>st</sup> command which create the container image:

```
2. docker run -dit --name program -p 8080:80 httpd:2.4
```

- Command stands for:-  
(-dit for open container in detached mod, keep STDIN open even if not attached and allocate a pseudo. --name for Assigns a name to a container -p for port detail example- access port 8080 and httpd 2.4 for image).

3. After creating a container go into the local host 8080 (http:// local host :8080)

```
4. http:// local host :8080
```

```
this command used for windows.
```

5. And check the result (its work).

6. After that stop the container and open the CMD and type the command

```
7. docker run -dit --name myFirstProgrammerApache2 -p 8080:80 -v  
%cd%:/usr/local/apache2/htdocs/ httpd:2.4
```

go into the local host and refresh it then see the result (website hosted).

- Command stands for: -  
(-dit for open container in detached mod, keep STDIN open even if not attached and allocate a pseudo. --name for Assigns a name to a container -p for port details example-port 8080, -V for volume and httpd 2.4 for file image).

