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root@b3efae2dd04e:/etc#
See 'docker run --help'.
PS C:\WINDOWS\system32> docker run -it ubuntu bash
root@b3efae2dd04e:/# ls
bin      dev     home  libx32  mnt     proc    run     srv      tmp     var
boot    etc    lib   lib64   media   opt     root  /sbin   sys     usr
root@b3efae2dd04e:/# cd etc
root@b3efae2dd04e:/etc# ls
adduser.conf  dpkg      issue      mke2fs.conf  rc0.d      shadow
alternatives  e2scrub.conf  issue.net    mtab         rc1.d      shells
apt           environment  kernel       netconfig    rc2.d      skel
bash.bashrc   fstab       ld.so.cache  networks     rc3.d      subgid
bindresvport.blacklist  gai.conf    ld.so.conf  nsswitch.conf rc4.d      subuid
cloud          group       ld.so.conf.d  opt          rc5.d      sysctl.conf
cron.d         gshadow     login        os-release   rc6.d      sysctl.d
cron.daily     gss         libaudit.conf  pam.conf     rc5.d      systemd
debconf.conf   host.conf   login.defs    pam.d        resolv.conf  terminfo
debian_version  hostname   logrotate.d   passwd       rmt         update-motd.d
dfault         hosts      lib-release   profile      security     xattr.conf
deluser.conf   init.d     machine-id    profile.d    selinux
root@b3efae2dd04e:/etc# apt update
Get:1 http://archive.ubuntu.com/ubuntu jammy InRelease [270 kB]
Get:2 http://security.ubuntu.com/ubuntu jammy-security InRelease [119 kB]
Get:3 http://archive.ubuntu.com/ubuntu jammy-updates InRelease [119 kB]
Get:4 http://archive.ubuntu.com/ubuntu jammy-backports InRelease [109 kB]
Get:5 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [860 kB]
Get:6 http://archive.ubuntu.com/ubuntu jammy/restricted amd64 Packages [164 kB]
Get:7 http://archive.ubuntu.com/ubuntu jammy/multiverse amd64 Packages [266 kB]
Get:8 http://archive.ubuntu.com/ubuntu jammy/main amd64 Packages [1792 kB]
Get:9 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [980 kB]
Get:10 http://archive.ubuntu.com/ubuntu jammy/universe amd64 Packages [17.5 MB]
Get:11 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [44.0 kB]
Get:12 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [697 kB]
Get:13 http://archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [923 kB]
Get:14 http://archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1241 kB]
Get:15 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [1136 kB]
Get:16 http://archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 Packages [49.8 kB]
Get:17 http://archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [49.2 kB]
Get:18 http://archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [25.6 kB]
Fetched 26.5 MB in 9s (3035 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
2 packages can be upgraded. Run 'apt list --upgradable' to see them.
root@b3efae2dd04e:/etc#
```

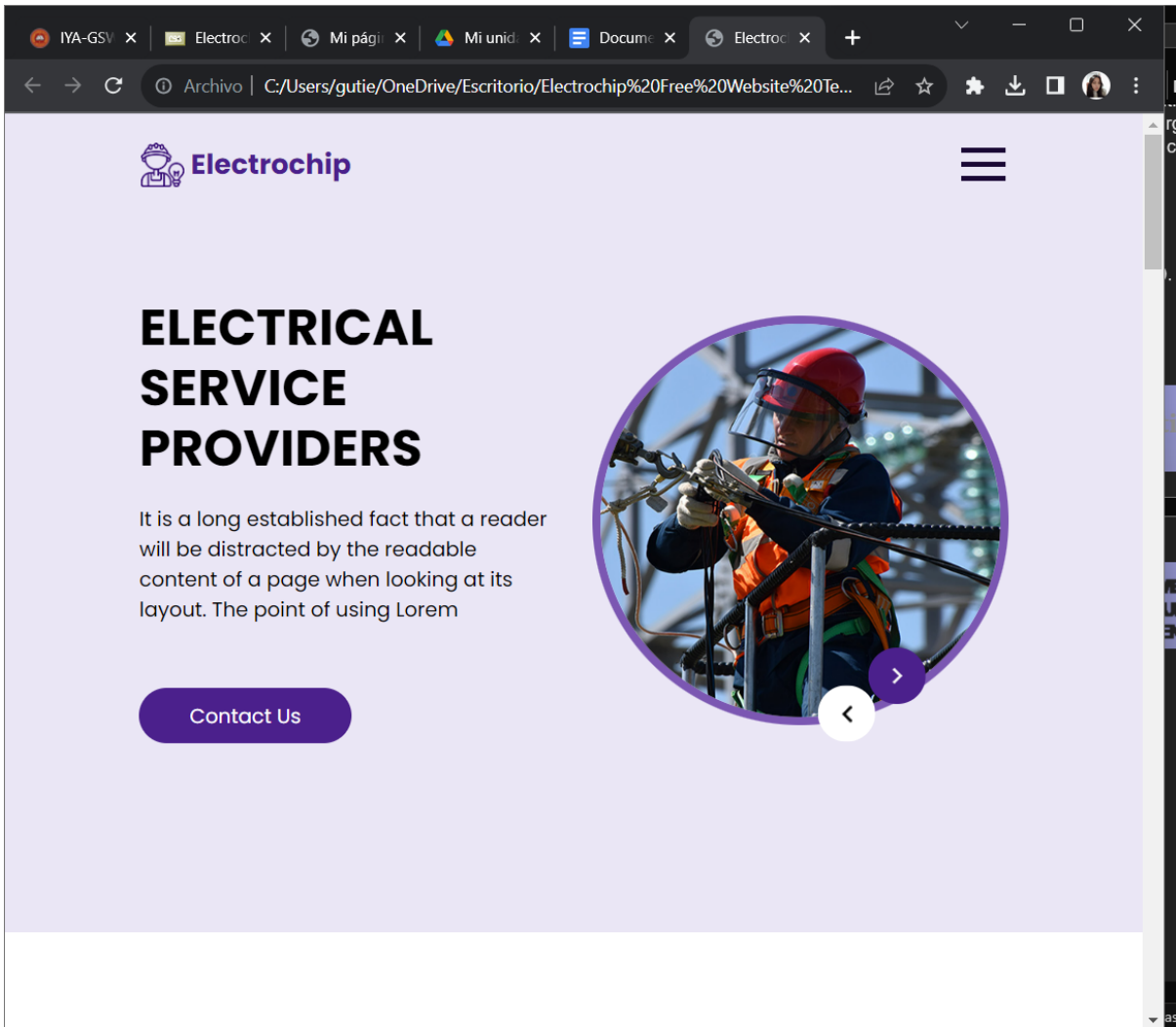
```
Administrador: Windows PowerShell
Windows PowerShell
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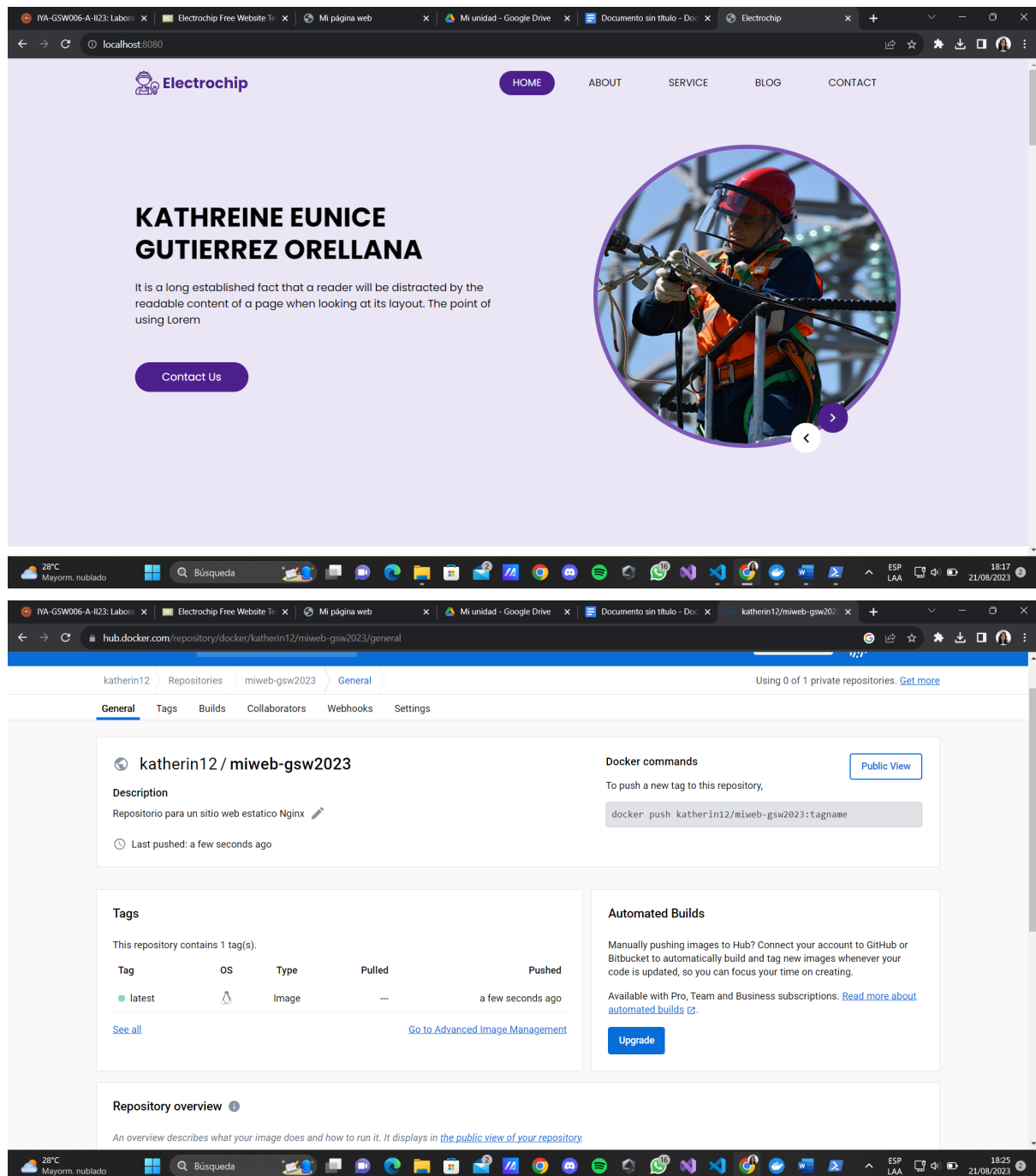
Instale la versión más reciente de PowerShell para obtener nuevas características y mejoras. https://aka.ms/PSWindows

PS C:\WINDOWS\system32> docker run --name miUbuntu -it ubuntu bash
docker: Error response from daemon: Conflict. The container name "/miUbuntu" is already in use by container "bfd88682df83f2cf6c76ef0578716d_c69f83755d88ba4ff3f3fc113657f6913". You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.
PS C:\WINDOWS\system32> docker ps -a
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS              PORTS          NAMES
bfd88682df83  ubuntu    "bash"                  4 minutes ago  Exited (0) 57 seconds ago           miUbuntu
b3efae2dd04e   ubuntu    "bash"                  10 minutes ago  Exited (0) 4 minutes ago           romantic_brown
9d465a2172e5   hello-world "/hello"               11 minutes ago  Exited (0) 10 minutes ago           vigorous_euclid
c07347cff4af   hello-world "/hello"               12 minutes ago  Exited (0) 11 minutes ago           cool_hertz
1b1c5e78fcb4   hello-world "/hello"               18 hours ago    Exited (0) 18 hours ago           prueba1
1977a8f70aca   ubuntu    "/bin/bash"             18 hours ago    Exited (0) 18 hours ago           goofy_diffie
057b86bc8a31   hello-world "/hello"               18 hours ago    Exited (0) 18 hours ago           prueba
0f1335e168aa   ubuntu    "bash"                  20 hours ago    Exited (0) 20 hours ago           priceless_curie
9ceba9e42f6b   hello-world "/hello"               24 hours ago    Exited (0) 24 hours ago           gallant_margulis
85cd354d6ad7   nginx     "/docker-entrypoint. ..." 24 hours ago    Exited (255) 32 minutes ago      80/tcp          angry_ishizaka
PS C:\WINDOWS\system32>
```

```
Administrador: Windows PowerShell
PS C:\Dockerjobs> docker build -t miweb_static .
[+] Building 0.2s (7/7) FINISHED
=> [internal] load .dockerignore
=> [internal] load build definition from Dockerfile
=> [internal] load metadata for docker.io/library/nginx:latest
=> [internal] load build context
=> [internal] transferring context: 1.89kB
=> [1/2] FROM docker.io/library/nginx
=> CACHED [2/2] COPY miwebDocker /usr/share/nginx/html
=> exporting to image
=> exporting layers
=> writing image sha256:d07d351912d62eef7a09d9b694433580b261b63960486665af1b49ec57d8c
=> naming to docker.io/library/miweb_static

What's Next?
View summary of image vulnerabilities and recommendations + docker scout quickview
PS C:\Dockerjobs> docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
miweb_static   latest    d07d351912d6   3 minutes ago  188MB
<none>         <none>    79364fcb3ee7   7 minutes ago  188MB
<none>         <none>    40b83439e038   32 minutes ago 188MB
nginx          latest    eea7b3dcb07e   5 days ago    187MB
ubuntu         latest    01f29b872827   2 weeks ago   77.8MB
hello-world    latest    9c7a5a9a43c    3 months ago  13.3kB
PS C:\Dockerjobs> docker run -it -d -p 8080:80 miweb_static
b384c10fc0e04c32c49baef0eaa32fc3755c49c508c9149f77a91729c1417
PS C:\Dockerjobs>
```





- docker run: inicia un nuevo contenedor y ejecuta un comando1.
- docker start: inicia uno o más contenedores que se han detenido1.
- docker stop: pone fin a uno o más contenedores que se están ejecutando actualmente1.
- docker create: crea un contenedor pero no lo inicia2.
- docker exec: ejecuta un comando en un contenedor que está iniciado2.
- docker pull: descarga una imagen desde un repositorio3.
- docker push: sube una imagen a un repositorio3.
- docker push: sube una imagen a un repositorio3.
- docker build: construye una imagen a partir de un Dockerfile3.
- docker images: muestra las imágenes disponibles localmente4.
- docker ps: muestra los contenedores que están ejecutándose4.

docker rm: elimina uno o más contenedores4.