

```
C:\Users\Lincolnm>docker run --name mysql_lab -e MYSQL_ROOT_PASSWORD=12345 -p 3306:3306 -d mysql:latest
```

```
Unable to find image 'mysql:latest' locally
```

```
latest: Pulling from library/mysql
```

```
4ea0fa0ace0c: Download complete
```

```
50786f9db9d5: Download complete
```

```
a1bcea418c7c: Download complete
```

```
30e3c68e682c: Download complete
```

```
9effc86d91a3: Download complete
```

```
fc3e1c37f699: Download complete
```

```
fc5138e88017: Download complete
```

```
b534c7c08c95: Download complete
```

```
500d7b2546c4: Download complete
```

```
5525b1bd2d5d: Download complete
```

```
Digest: sha256:439bfb4044dc59ade76c4e5c4065c02e5ba4d4007db32c40ac58d55c03069916
```

```
Status: Downloaded newer image for mysql:latest
```

```
6607602e74de7eb4b9dcd7fc47766ce706951c83d1bcd4aa9c3553ceafa68207
```

```
docker: Error response from daemon: Ports are not available: exposing port TCP 0.0.0.0:3306 -> 0.0.0.0:0: listen tcp 0.0.0.0:3306: bind: Only one usage of each socket address (protocol/network address/port) is normally permitted.
```

```
C:\Users\Lincolnm>docker run --name web_lab -p 8080:80 -d nginx
```

```
Unable to find image 'nginx:latest' locally
```

```
C:\Users\Lincoln>docker run --name web_lab -p 8080:80 -d nginx
Unable to find image 'nginx:latest' locally
latest: Pulling from library/nginx
c3741b707ce6: Download complete
14a859b5ba24: Download complete
716cdf61af59: Download complete
a2da0c0f2353: Download complete
14e422fd20a0: Download complete
e5d9bb0b85cc: Download complete
b1badc6e5066: Download complete
Digest: sha256:33e0bbc7ca9ecf108140af6288c7c9d1ecc77548cbfd3952fd8466a75edefe57
Status: Downloaded newer image for nginx:latest
3f62da059e7b49eae88a38aa7902ca641cfc757111606117ba48355cee0de732
```

```
C:\Users\Lincoln>docker -version
unknown shorthand flag: 'e' in -ersion
See 'docker --help'.
```

```
Usage:  docker [OPTIONS] COMMAND
```

A self-sufficient runtime for containers

Common Commands:

run	Create and run a new container from an image
exec	Execute a command in a running container
ps	List containers
build	Build an image from a Dockerfile
pull	Download an image from a registry
push	Upload an image to a registry
images	List images
login	Authenticate to a registry
logout	Log out from a registry
search	Search Docker Hub for images
version	Show the Docker version information
info	Display system-wide information

Management Commands:

ai*	Ask Gordon - Docker Agent
builder	Manage builds
buildx*	Docker Buildx
compose*	Docker Compose

```
C:\Users\Lincolnm>docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
3f62da059e7b	nginx	"/docker-entrypoint..."	About a minute ago	Up About a minute	0.0.0.0:8080->80/tcp	web_1

```
C:\Users\Lincolnm>
```