

## 1.1

```
docker run -d --name ng-test nginx
docker run -d --name pg-test postgres
docker run -d --name rd-test redis
```

```
docker stop ng-test
docker stop pg-test
```

```
docker ps
```

```
docker stop rd-test
```

```
docker containers purge
docker images purge
```

```
altyn@Altynsass-MBP task1-3 % docker run -d --name ng-test nginx
Unable to find image 'nginx:latest' locally
latest: Pulling from library/nginx
c229119241af: Pull complete
2215908dc0a2: Pull complete
08c3cb2073f1: Pull complete
18f38162c0ce: Pull complete
10e2168f148a: Pull complete
c4ffe9532b5f: Pull complete
Digest: sha256:2275af0f20d71b293916f1958f8497f987b8d8fd8113df54635f2a5915002bf1
Status: Downloaded newer image for nginx:latest
dabe5bfb8ab21d03c785c1de7a09df206a1ef4721956f0c3459759ce578daefa
altyn@Altynsass-MBP task1-3 % docker run -d --name pg-test postgres
19b422e6ec1e9bea8bbca6ef246b0222af1b4f23339e084b2f04274ec80ea331
altyn@Altynsass-MBP task1-3 % docker run -d --name rd-test redis
Unable to find image 'redis:latest' locally
latest: Pulling from library/redis
c229119241af: Already exists
bed41eb8190a: Pull complete
5e59eaa723f1: Pull complete
fd5ad7669819: Pull complete
566c064eef6e: Pull complete
20c7cfac25de: Pull complete
Digest: sha256:69a3ab2516b560690e37197b71bc61ba245aafef4525ebdece1d8a0bc5669e3e2
Status: Downloaded newer image for redis:latest
7e0a42ef9e5c13f69ea022e9bd7e58cfce175e77c303b0f5cd408b49c46e4448
altyn@Altynsass-MBP task1-3 % docker stop ng-test
ng-test
altyn@Altynsass-MBP task1-3 % docker stop pg-test
pg-test
altyn@Altynsass-MBP task1-3 % docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS          NAMES
7e0a42ef9e5c   redis     "docker-entrypoint.s..." About a minute ago Up About a minute 6379/tcp       rd-test
altyn@Altynsass-MBP task1-3 % docker stop rd-test
rd-test
altyn@Altynsass-MBP task1-3 % docker containers purge
docker: 'containers' is not a docker command.
See 'docker --help'
altyn@Altynsass-MBP task1-3 % docker images purge
REPOSITORY TAG          IMAGE ID      CREATED      SIZE
altyn@Altynsass-MBP task1-3 %
```

## 1.2

```
docker ps -a
```

```
altyn@Altynsass-MBP task1-3 % docker ps -a
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS          NAMES
7e0a42ef9e5c   redis     "docker-entrypoint.s..." 2 minutes ago Exited (0) 30 seconds ago rd-test
19b422e6ec1e   postgres "docker-entrypoint.s..." 2 minutes ago Exited (1) 2 minutes ago pg-test
dabe5bfb8ab2   nginx    "/docker-entrypoint..." 4 minutes ago Exited (0) 46 seconds ago ng-test
```

## 1.3

`docker run -it devopsdockeruh/pull_exercise`

```
[Give me the password: basics
You found the correct password. Secret message is:
"This is the secret message"

altyn@Altynsass-MBP task1-3 %
```

## 1.4

`docker run -d --rm --name bash-ex devopsdockeruh/exec_bash_exercise`

`docker exec -it bash-ex bash`

```
Unable to find image 'devopsdockeruh/exec_bash_exercise:latest' locally
latest: Pulling from devopsdockeruh/exec_bash_exercise
1c6172af85ee: Pull complete
b194b0e3c928: Pull complete
1f5ec00f35d5: Pull complete
93b1353672b6: Pull complete
3d7f38db3cca: Pull complete
21e102f9fe89: Pull complete
d851ffed797c: Pull complete
a45031e28c68: Pull complete
ca3c1414856f: Pull complete
02c74c9936fd: Pull complete
ddb55f8ab0a8: Pull complete
Digest: sha256:d38b6f6b0eed2880e25c9eb7f83f1cd016ffe3a56c9a3fec6e7bee480bf1ed0f
Status: Downloaded newer image for devopsdockeruh/exec_bash_exercise:latest
5006bbbed92a83e42fb2d272f70d9821b715d5638f8964df9103242f844503681
altyn@Altynsass-MBP task1-3 % docker run -d --rm --name bash-ex devopsdockeruh/exec_bash_exercise
docker: Error response from daemon: Conflict. The container name "/bash-ex" is already in use by c
) that container to be able to reuse that name.
See 'docker run --help'.
altyn@Altynsass-MBP task1-3 % docker exec -it bash-ex bash
root@5006bbbed92a8:/usr/app#
root@5006bbbed92a8:/usr/app#
root@5006bbbed92a8:/usr/app# docker exec -it bash-ex bash
bash: docker: command not found
root@5006bbbed92a8:/usr/app# tail -f ./logs.txt
Thu, 31 Mar 2022 17:35:36 GMT
Thu, 31 Mar 2022 17:35:39 GMT
Secret message is:
"Docker is easy"
Thu, 31 Mar 2022 17:35:45 GMT
Thu, 31 Mar 2022 17:35:48 GMT
Thu, 31 Mar 2022 17:35:51 GMT
Thu, 31 Mar 2022 17:35:54 GMT
Secret message is:
"Docker is easy"
Thu, 31 Mar 2022 17:36:00 GMT
Thu, 31 Mar 2022 17:36:03 GMT
Thu, 31 Mar 2022 17:36:06 GMT
Thu, 31 Mar 2022 17:36:09 GMT
Secret message is:
"Docker is easy"
```

## 1.5

`docker run -d -it --name name ubuntu`

`docker exec -it name tree`

## docker exec -it name bash

```
altyn@Altynsass-MBP task1-3 % docker run -d -it --name name ubuntu
8c481e6e58a809ba0b2a43a1ea9c3db994208cf595930160fbc378e5aad9834a
altyn@Altynsass-MBP task1-3 % docker exec -it name tree
OCI runtime exec failed: exec failed: container_linux.go:380: starting container process caused: exec: "tree": executable file not found in $PATH: unknown
altyn@Altynsass-MBP task1-3 % docker exec -it name bash
root@8c481e6e58a8:/#
```

## 1.6

docker run -it --entrypoint sh docker-clock

docker run -it --entrypoint sh docker-clock docker build -t docker-clock .

docker build -t docker-clock .

```
altyn@Altynsass-MBP task1-3 % docker build -t docker-clock .
[+] Building 53.8s (4/5)
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 284B 0.1s
=> [internal] load .dockerignore
=> => transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/devopsdockeruh/overwrite_cmd_exercise:latest 0.0s
=> [auth] devopsdockeruh/overwrite_cmd_exercise:pull token for registry-1.docker.io 0.0s
=> [1/1] FROM docker.io/devopsdockeruh/overwrite_cmd_exercise:sha256:02e38f428d5cfa5ff5ed57ae67a8d9e841027da8f5c972329b46e2b7a47b7d2 47.9s
=> resolve docker.io/devopsdockeruh/overwrite_cmd_exercise:sha256:02e38f428d5cfa5ff5ed57ae67a8d9e841027da8f5c972329b46e2b7a47b7d2 0.0s
=> sha256:4538c6472b5d2a88201c9cd65f43a788e526eb4fa98a4fbae4d5688535cd21 4.34MB / 4.34MB 4.7s
=> sha256:ef599477fae8e7485cae7d938248cdad358b3af22c7eb4aa592c60771b68dcae 10.79MB / 10.79MB 8.5s
=> sha256:8d2b62b1894e4e942e2f51da39cc7d6838f6f04a41d62f6b3f460b361b1a3 8.45KB / 8.45KB 0.0s
=> sha256:40c38f428d5cfa5ff5ed57ae67a8d9e841027da8f5c972329b46e2b7a47b7d2 2.84KB / 2.84KB 0.0s
=> sha256:892586df92068bdc659c497f379e48382aa1b27cf76b2d664d262ba7bc19e47b 45.38MB / 45.38MB 19.3s
=> sha256:434d41a67075d127bfedd296aa3ab0c58e8a3c09a2f238fca1d253b153a17ea 58.07MB / 58.07MB 40.1s
=> sha256:87f62740b43f6fc0e5e870b1b3773249e94fcb4d64eeb0689ef84f7b5e5a93 95.42MB / 214.63MB 47.8s
=> sha256:483c771c387e92b121f0d5ff15d311f4b242629857e085841e82fa48984fab 4.17KB / 4.17KB 19.6s
=> extracting sha256:892586df92068bdc659c497f379e48382aa1b27cf76b2d664d262ba7bc19e47b 6.4s
=> sha256:fe6195892ae36aa7469d1f0d0228ea2d9bd974d2664cec9c79baed1b98c6cc 22.24MB / 22.24MB 30.5s
=> extracting sha256:ef599477fae8e7485cae7d938248cdad358b3af22c7eb4aa592c60771b68dcae 0.3s
=> extracting sha256:4538c6472b5d2a88201c9cd65f43a788e526eb4fa98a4fbae4d5688535cd21 0.3s
=> sha256:70e1a68db51721edee839102f0884ae408b996bf734588e9aac06baa8cd1ca4 1.40MB / 1.40MB 32.2s
=> sha256:c2599b0bf3cb9d5a828c82cf00f1437b216f2d6467867dd31da456ee67352f9d 245B / 245B 32.6s
=> sha256:c637d6ffaa1fca485cc4409f4f4eacc86ade1939b539368ccae91ba377 116B / 116B 32.9s
=> sha256:446220381e7936f6e6c7cd12f0662e33282f7f84854b932724d6e5d0e8ca4d1a3 12.34KB / 12.34KB 33.3s
=> sha256:27d5280e809cc1ba6ac4c7b411555f34652f2b9e04220180c9f5f74b0b4f3569 185B / 185B 33.8s
=> extracting sha256:434d41a67075d127bfedd296aa3ab0c58e8a3c09a2f238fca1d253b153a17ea 0.3s
```

## 1.7

```
[altyn@Altynsass-MBP task1-3 % ./s.sh
Input website:
helsinki.fi
Searching..
curl: (6) Could not resolve host: helsinki.fi
altyn@Altynsass-MBP task1-3 %
```

## 1.8