

# Question 1

Correct Note de 1,00 sur 1,00

What is the name of the docker image in the following instruction?

**docker run -it --rm --name ab cd**

(-30% if incorrect selection)

Veillez choisir une réponse.

- ☐ a. b
- ☐ b. ab
- ☒ c. cd ✓
- ☐ d. I don't know (no penalty, no point)

- ☐ e. it
- ☐ f. rm
- ☐ g. name
- ☐ h. a

Votre réponse est correcte.

La réponse correcte est :

cd

## Question 2

Incorrect Note de -0,20 sur 1,00

Which instruction should be used to run the x.py script (supposed to be already available on the container) on the second container listed below?

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
7c1984e3cb89	archlinux	"sh"	5 seconds ago	Up 4 seconds		tender_spence
1a46e213c34d	ubuntu	"bash"	23 seconds ago	Up 21 seconds		elastic_ishizaka
50e52fe38381	mongo	"docker-entrypoint.s..."	6 weeks ago	Exited (255) 2 weeks ago	27017/tcp	mongoserv
7954828f4c8f	ubuntu	"bash"	3 months ago	Exited (0) 3 months ago		silly_wiles
0027f4f58981	jess/chrome	"google-chrome --use..."	3 months ago	Exited (1) 3 months ago		keen_carver
2011886b37e6	archlinux	"bash"	3 months ago	Exited (255) 3 months ago		competent_bardeen
9dc83047484a	dorowu/ubuntu-desktop-lxde-vnc	"/startup.sh"	3 months ago	Exited (255) 3 months ago	0.0.0.0:6080->80/tcp	cool_thompson
d73350e2d6f1	postgres	"docker-entrypoint.s..."	3 months ago	Exited (255) 7 days ago	5432/tcp	some-postgres
b145f6a6c0dd	docker/welcome-to-docker:latest	"/docker-entrypoint..."	4 months ago	Exited (0) 4 months ago		welcome-to-docker

(-20% if incorrect selection)

Veuillez choisir une réponse.

- ☐ a. docker run x.py
- ☐ b. docker exec -it ubuntu x.py
- ☐ c. docker ps -it ubuntu x.py

- ☐ d. `docker run -it ubuntu x.py`
- ☒ e. `docker ps -it ubuntu x.py` ✖
- ☐ f. `docker run -it elastic_ishizaka x.py`
- ☐ g. I don't know (no penalty, no point)
- ☐ h. `docker rm -f`
- ☐ i. `docker exec -it elastic_ishizaka x.py`

Votre réponse est incorrecte.

La réponse correcte est :

`docker exec -it elastic_ishizaka x.py`

## Question 3

Correct Note de 1,00 sur 1,00

Which instruction would return the following result?

(-10% if incorrect selection)

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
7c1984e3cb89	archlinux	"sh"	5 seconds ago	Up 4 seconds		tender_spence
1a44e213c34d	ubuntu	"bash"	23 seconds ago	Up 21 seconds		elastic_ishizaka
50e52fe38381	mongo	"docker-entrypoint.s..."	6 weeks ago	Exited (255) 2 weeks ago	27017/tcp	mongoserv
7954828f4c8f	ubuntu	"bash"	3 months ago	Exited (0) 3 months ago		silly_wiles
0027f4f58981	jess/chrome	"google-chrome --use..."	3 months ago	Exited (1) 3 months ago		keen_carver
2011886b37e6	archlinux	"bash"	3 months ago	Exited (255) 3 months ago		competent_bardeen
9dc83047484a	dorowu/ubuntu-desktop-lxde-vnc	"/startup.sh"	3 months ago	Exited (255) 3 months ago	0.0.0.0:6080->80/tcp	cool_thompson
d73350e2d6f1	postgres	"docker-entrypoint.s..."	3 months ago	Exited (255) 7 days ago	5432/tcp	some-postgres
b145f6a6c0dd	docker/welcome-to-docker:latest	"/docker-entrypoint..."	4 months ago	Exited (0) 4 months ago		welcome-to-docker

Veillez choisir une réponse.

- ☐ a. docker ps
- ☒ b. docker ps -a ✓
- ☐ c. I don't know (no penalty, no point)

- ☐ d. `docker ls -l`
- ☐ e. `docker list -a`
- ☐ f. `docker rm -f`
- ☐ g. `docker list`
- ☐ h. `docker rm`

Votre réponse est correcte.

La réponse correcte est :  
`docker ps -a`

## Question 4

Incorrect Note de -0,05 sur 0,50

The load factor is comprized between 0 and 1 in a Python dict  
(-10% if incorrect selection)

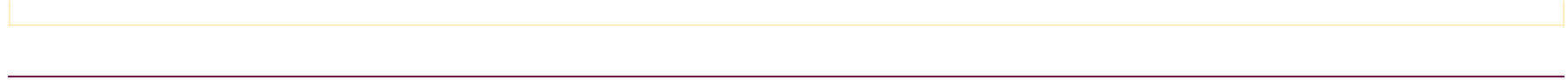
Veillez choisir une réponse.

- ☒ a. False ✖
- ☐ b. I don't know (no point, no penalty)
- ☐ c. True

Votre réponse est incorrecte.

La réponse correcte est :

True





## Question 5

Correct Note de 1,00 sur 1,00

Both Java and Python "default" implementation of dictionaries resize the array representing the hash table when the load factor exceeds some value. (-10% if incorrect selection)

Veuillez choisir une réponse.

- ☒ a. True ✓
- ☐ b. False
- ☐ c. I don't know (no point, no penalty)

Votre réponse est correcte.

La réponse correcte est :  
True



## Question 6

Correct Note de 1,00 sur 1,00

For an item which belongs to the set represented, the bloom filter may still sometimes (erroneously) answer that the item is not part of the set.

(-33.34% if selection is incorrect)

Veuillez choisir une réponse.

- ☒ a. False ✓
- ☐ b. I don't know (no penalty, but no point)
- ☐ c. True

Votre réponse est correcte.

La réponse correcte est :

False

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## Question 7

Correct Note de 1,00 sur 1,00

For an item which does not belongs to the set represented, the bloom filter may still sometimes (erroneously) answer that the item is part of the set.

(-33.34% if selection is incorrect)

Veuillez choisir une réponse.

- ☐ a. I don't know (no penalty, but no point)
- ☒ b. True ✓
- ☐ c. False

Votre réponse est correcte.

La réponse correcte est :

True

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## Question 8

Correct Note de 1,00 sur 1,00

When a Bloom filter states that an item is part of the set, we can guarantee that the filter's answer is correct

(-33.34% if selection is incorrect)

Veuillez choisir une réponse.

- ☒ a. False ✓
- ☐ b. I don't know (no penalty, but no point)
- ☐ c. True

Votre réponse est correcte.

La réponse correcte est :

False

◀ Test regex

Aller à...

Test MongoDB, Hadoop ▶