

# Faculdade de Tecnologia da Zona Leste – FATEC ZL

## Sistemas Operacionais I

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### Exercício 2

#### Command prompt on Play with Docker:

```
#####  
#                WARNING!!!!                #  
# This is a sandbox environment. Using personal credentials      #  
# is HIGHLY! discouraged. Any consequences of doing so are      #  
# completely the user's responsibilites.                        #  
#                                                                #  
# The PWD team.                                                  #  
#####  
[node1] (local) root@192.168.0.8 ~  
$ mkdir -p ./home/exercise/src/{view,controller}  
[node1] (local) root@192.168.0.8 ~  
$ vim ./home/exercise/src/view/Main.java  
[node1] (local) root@192.168.0.8 ~  
$ vim ./home/exercise/src/controller/ThreadMethod.java  
[node1] (local) root@192.168.0.8 ~  
$ docker run -dit --name Openjdk17 -v ~/home/exercise:/home/exercise openjdk:17-oracle  
Unable to find image 'openjdk:17-oracle' locally  
17-oracle: Pulling from library/openjdk  
38a980f2cc8a: Pull complete  
de849f1cfbe6: Pull complete  
a7203ca35e75: Pull complete  
Digest: sha256:83ffa182a7cfc8313583fe1cc42172a48a021f368a1ff11fe0d957c3b3b8a620  
Status: Downloaded newer image for openjdk:17-oracle  
e7673cebf7ff91d565c7cc013a7a53cd4b1201bdfd48d3d9cb4eae6245849fbb  
[node1] (local) root@192.168.0.8 ~  
$ docker exec -it Openjdk17 javac -d /home/exercise/bin /home/exercise/src/view/Main.java  
/home/exercise/src/controller/ThreadMethod.java  
[node1] (local) root@192.168.0.8 ~  
$ docker exec -it Openjdk17 java -cp /home/exercise/bin view.Main  
Array:  
[0, 3, 4, 4, 7]  
[6, 6, 4, 5, 9]  
[1, 4, 7, 9, 9]  
Sum row:  
row 0: 18  
row 2: 30  
row 1: 30
```

cl2pvmks\_cl2qa2ksnmng008jc0vg

IP

192.168.0.8

OPEN PORT

Memory

17.81% (712.6MiB / 3.906GiB)

CPU

1.31%

SSH

ssh ip172-18-0-14-cl2pvmksnmng008jc0p0@direct.labs.play-with- 

DELETE

EDITOR

```
#####
#                               WARNING!!!!                               #
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# completely the user's responsibilities.                                #
#                               #####                                    #
# The PWD team.                                                         #
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Unable to find image 'openjdk:17-oracle' locally
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de849f1cfe66: Pull complete
a7203ca39e75: Pull complete
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Status: Downloaded newer image for openjdk:17-oracle
e7673cabf7ff91d565c7cc013a7a53cd4b1201bdf48d3d9cb4eae6245849fbb
[node1] (local) root@192.168.0.8 ~
$ docker exec -it Openjdk17 javac -d /home/exercise/bin /home/exercise/src/view/Main.java /home/exercise/src/controller/ThreadMethod.java
[node1] (local) root@192.168.0.8 ~
$ docker exec -it Openjdk17 java -cp /home/exercise/bin view.Main
Array:
[0, 3, 4, 4, 7]
[6, 6, 4, 5, 9]
[1, 4, 7, 9, 9]
Sum row:
row 0: 18
row 2: 30
row 1: 30
[node1] (local) root@192.168.0.8 ~
```