

Please follow the following instructions for MAC installation for Prac 2

(1) Install docker from: <https://hub.docker.com/editions/community/docker-ce-desktop-mac>

(2) Run the following commands in your terminal:

- a. Download Oracle Image
`docker pull absolutapps/oracle-12c-ee`
- b. Make the container, this will allow to store the database locally
`mkdir ~/oracle_data`
- c. Mount the image in the container
`docker run -d --name oracle -p 8080:8080 -p 1521:1521 -v ~/oracle_data:/u01/app/oracle absolutapps/oracle-12c-ee`
- d. Check if the container is working
`docker ps`

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
8be1c022ceb3	absolutapps/oracle-12c-ee	"/entrypoint.sh"	26 hours ago	Up 26 hours	0.0.0.0:1521->1521/tcp, 0.0.0.0:8080->8080/tcp, 5500/tcp	oracle

Please note:

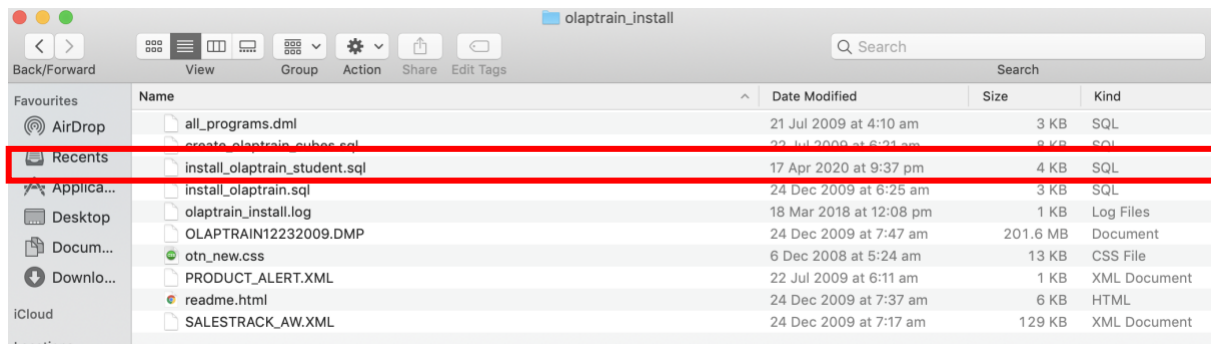
Names == **oracle**

Container name == **oracle_data**

Container ID == **8be1c022ceb3**

While running the next set of commands make sure that the names are the same. If not, please change accordingly.

- e. Copy the files from host to docker container
First get the local path where your "install_olaptrain_student.sql" is located. For example, "/Users/khadekirti/Downloads/P2/olaptrain_install /"



`docker cp ./Downloads/P2/olaptrain_install/. oracle:/oracle_data`

or

`docker cp ./Downloads/P2/olaptrain_install/. 8be1c022ceb3:/oracle_data`

or

`docker cp <PATH> CONTAINER: Container name`

or

`docker cp <PATH> Names: Container name`

(3) Go to the docker dashboard, execute the terminal (2nd Icon) for docker terminal

(4) In the docker bash terminal run the following command:

- `chmod 6751 $ORACLE_HOME/bin/*`
- `chmod -R 0777 /oracle_data #(chmod -R 0777 /Container name)`
- `ls` - this is to check if you have `install_olaptrain_student.sql` in the current working dictionary

```
~ — docker • bash -c clear && docker exec -it oracle sh
sh-4.2# a.chmod 6751 $ORACLE_HOME/bin/*
sh: a.chmod: command not found
sh-4.2# chmod 6751 $ORACLE_HOME/bin/*
sh-4.2# chmod -R 0777 /oracle_data
sh-4.2# ls
OLAPTRAIN12232009.DMP  SALESTRACK_AW.XML  create_olaptrain_cubes.sql  install_olaptrain.sql  olaptrain_install.log  readme.html
PRODUCT_ALERT.XML    all_programs.dml  import.log                  install_olaptrain_student.sql  otn_new.css
```

- if this does not works, make sure that your directory of oracle_data
`cd oracle_data` #please note that oracle_data is the directory that you made in 2.b
- `sqlplus system/oracle@//localhost:1521/orcl`
- `@install_olaptrain_student`
- Directory: /oracle_data
- Set password 'w' and Student ID

```
SQL> @install_olaptrain_student
```

```
This procedure installs the OLAPTRAIN schema for the Oracle OLAP 12c
training class, samples and Oracle by Examples.
```

- You should be logged on as a DBA to execute this procedure.
- Ensure any existing OLAPTRAIN user sessions are disconnected before proceeding with the installation (this install will recreate the user if it exists)

```
Specify file system directory containing this installation program.
```

```
Default:
c:\app\P2\olaptrain_install
```

```
Directory: /oracle_data
```

```
Specify a password for the OLAPTRAIN user.
```

```
Password:
please type in your student ID, e.g.:S1234567, and your final username will be OLAPTRAIN_S1234567
PLEASE MAKE SURE 'S' IS UPPER CASE.
Student ID: S4573313
```

```
Begin installation
```

(5) AWM

- Run `awmrun.sh`
- Run `awm12.2.0.1.0.jar`
- Post that, follow the instructions in practical sheet

awm122010_Standalone					Search		
					Search		
Name		Date Modified	Size	Kind			
awm.bat		29 Nov 2016 at 1:14 am	361 bytes	Batch File			
awm.ico		9 Sep 2009 at 1:22 am	8 KB	Windows image			
awm.properties		Today at 10:59 pm	951 bytes	Java Properties			
awm12.2.0.1.0.jar		29 Nov 2016 at 12:54 am	69.5 MB	Java JAR file			
awmd.bat		29 Nov 2016 at 1:13 am	366 bytes	Batch File			
awmdb.properties		Today at 10:59 pm	304 bytes	Java Properties			
awmrun.sh		29 Nov 2016 at 1:11 am	310 bytes	Shell Script			
measure_factory		15 Jun 2011 at 2:02 am	--	Folder			
otn_new.css		7 Oct 2010 at 7:10 am	13 KB	CSS File			
plugin		29 Nov 2016 at 12:56 am	--	Folder			
readme_122010.html		29 Nov 2016 at 1:16 am	12 KB	HTML			

Hope this helps!

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Other useful comments:

stop container

docker stop <container ID>

delete container

Docker container rm <container ID>