
Lab solutions for 0209

1

Formed this sql in mysql cli:

```
1      SELECT COUNT(*)
2      FROM user
```

Made it into this bash command: `echo 'SELECT COUNT(*)FROM user'| mysql -u root -pdynamitt bookfacedb`

Made it into a bash function that takes a table as argument

2

Script is found in this directory with the name “task2.sh”

3

Script is found in this directory with the name “task3.sh”

Couldn't get rid of the ls error message. (Tried sending the output to `/dev/null`)

4

A script version is found in this directory with the name “task4.sh”. Could easily be turned into an alias by either copying it into `.bashrc` or making the alias refer to the script.

5

Followed the instructions. `openstack server list` works.

6

Did that.

7

Did that. Apparently adding a floating IP that is bound to another server moves it from one server to the other.

Yes, it can be useful when updating the endpoint to the system. (Creating a new balancer and moving old floating ip to new one)

8

Script is found in this directory "task8_in.sh" and "task8_out.sh". They move the floating IP users use to access our website between the balancer and a placeholder server.

9

wc prints newline, bytecount and wordcount for each file

10

- The first command shows partitions and disk usage
- The second command shows directories sorted after disk usage (ascending)

11

- `mkdir /home/ubuntu/superrask` creates a directory named superrask.
- `mount -t tmpfs -o size=20m tmpfs /home/ubuntu/superrask` makes the directory a sticky directory. Meaning that the directory can not be changed by users.
- `chown ubuntu:ubuntu /home/ubuntu/superrask` lets the user ubuntu have permissions to change the sticky directory.
- `umount /home/ubuntu/superrask` reverts the superrask directory back to a normal directory.