Users and Groups

Use the command line to create the following users **(4 Marks)**:

Username	Full Name (GECOS)	Expire Date
alex	Alex the Lion	
marty	Marty the Zebra	
melman	Melman the Giraffe	January 31, 2025
gloria	Gloria the Hippo	
skipper	Skipper	January 31, 2025
private	Private	January 31, 2025
kowalski	Kowalski	January 31, 2025
julien	Julien	
maurice	Maurice	

Each user must have a home directory in /home
Each user must have a primary group of their own (which is the default) (ie. don't change their primary group)

Create the following four groups using the command line:
zoo, jungle, mammals, and penguins.

Using the command line **(3 Marks)**:

1. Add alex, marty, melman, gloria, skipper, private, and kowalski to the zoo group (secondary).
2. Add julien and maurice to the jungle group (secondary).
3. Add all of the users to the mammals group (secondary).
4. Add skipper, private, and kowalski to the penguins group (secondary).
5. Change melman so he is only in the secondary group mammals.
6. Modify julien's account so that it has an expiry date of January 31, 2025.

*** If you plan your changes, they will be easier to implement ***

Users and Groups

Using apt, install the iftop package. This will show you the top users on your network. **(1 Mark)**

Retrieve the deb package:

```
cp /scripts/nethack-console_3.4.3-15build1_amd64.deb ~/
```

Using the dpkg command, install nethack-console. **(1 Mark)**

Note: You are going to run into a dependency error. The file you need is in the /scripts/ directory.

Using the tar command, create ~/nethack.tar.gz which contains both of the nethack .deb files **(1 Mark)**

Users and Groups

Submitting your work

When you are ready to submit or check your work:

```
sudo /scripts/lab-madagascar-check.sh
```

```
Question 1: alex exists
Question 1: marty exists
Question 1: melman exists
Question 1: gloria exists
Question 1: skipper exists
Question 1: private exists
Question 1: kowalski exists
Question 1: julien exists
Question 1: maurice exists

Question 1.1: zoo exists
Question 1.1: jungle exists
Question 1.1: mammals exists
Question 1.1: penguins exists

Question 1.2: alex is in group zoo
Question 1.2: marty is in group zoo
Question 1.2: gloria is in group zoo
Question 1.2: skipper is in group zoo
Question 1.2: private is in group zoo
Question 1.2: kowalski is in group zoo

Question 1.2: julien is in group jungle
Question 1.2: maurice is in group jungle

Question 1.2: alex is in group mammals
Question 1.2: marty is in group mammals
Question 1.2: melman is in group mammals
Question 1.2: gloria is in group mammals
Question 1.2: skipper is in group mammals
Question 1.2: private is in group mammals
Question 1.2: kowalski is in group mammals
Question 1.2: julien is in group mammals
Question 1.2: maurice is in group mammals
```

Question 1.2: skipper is in group penguins
Question 1.2: private is in group penguins
Question 1.2: kowalski is in group penguins

Question 1.2: melman: Correct account expiry date 2025-01-31
Question 1.2: skipper: Correct account expiry date 2025-01-31
Question 1.2: private: Correct account expiry date 2025-01-31
Question 1.2: kowalski: Correct account expiry date 2025-01-31
Question 1.2: julien: Correct account expiry date 2025-01-31

Question 1.3: alex: Correct comment Alex the Lion
Question 1.3: marty: Correct comment Marty the Zebra
Question 1.3: melman: Correct comment Melman the Giraffe
Question 1.3: gloria: Correct comment Gloria the Hippo
Question 1.3: skipper: Correct comment Skipper
Question 1.3: private: Correct comment Private
Question 1.3: kowalski: Correct comment Kowalski
Question 1.3: julien: Correct comment Julien
Question 1.3: maurice: Correct comment Maurice

Question 3: Package ntop installed - good.

Question 4: Package nethack-common installed - good.
Question 4: Package nethack installed - good.

Question 5: /home/linuxuser/nethack.tar.gz - exists
scripts/nethack-common_3.4.3-15build1_amd64.deb
scripts/nethack-console_3.4.3-15build1_amd64.deb