

# TME 5 - ISS

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## Exercice 1.

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### 1.1

Sur machine.

### 1.2

```
$ https_proxy="proxy.ufr-info-p6.jussieu.fr:3128" git clone https://github.com/schacon/cowsay.git
```

### 1.3

Sur machine.

### 1.4

```
#!/bin/bash

while true; do
    echo -e "Veuillez selectionner...\n1: VF\n2: V0"
    read -r vs
    if [[ $vs == "VF" || $vs == "V0" ]]; then
        break;
    fi
done

while IFS=";" read animal vf vo; do
    if [[ $vs == "VF" ]]; then
        cowsay -f ${animal} ${vf}
    else
        cowsay -f ${animal} ${vo}
    fi
done

exit 0
```

## Exercice 2.

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### 2.1

```
$ last -da > connexions.log
```

### 2.2 - 2.8

```

#!/bin/bash

# 2.2

function usage(){
    echo "Usage: $0 <param1> <param2>"
}

if [[ $# -ne 1 ]]; then
    echo "Aucun paramètre reçu"
    usage
    exit 1
fi

if [[ ! -r $1 ]]; then
    echo "Le fichier n'est pas accessible en lecture"
    usage
    exit 1
fi

# 2.3

numTraces=$(head -n +1 $1 | wc -l)

# 2.4

username=$(whoami)

# 2.5

numConn=$(cat $1 | grep $username | wc -l)
echo "Il y'a $numConn connexions"

# 2.6

uniqueConn=$(cat $1 | cut -d " " -f 1 | uniq | wc -l)
echo "Nombre d'utilisateurs qui se sont connectés: $uniqueConn"

# 2.7

distantMach=$(cat $1 | cut -d " " -f 9 | grep -E -v "0.0.0.0|localhost" | wc -l)

# 2.8

listeRemotes=$(cat $1 | grep -E -v "0.0.0.0|localhost" | cut -d " " -f 1 | uniq)

while IFS= read -r user; do
    connUser=$(grep "$user" "$1" | cut -d " " -f 9 | uniq)
    echo "${user} : $connUser"
done <<< "$listeRemotes"

exit 0

```

## 2.9

En raison du proxy.

## 2.10, 2.11, 2.12

Fait sur machine.

## Exercice 3.

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### 3.1

Fait sur machine.

### 3.2

```
$ man ps | wc -m  
52277
```

```
$ man mkdir | wc -m  
1823
```

### 3.3 et suivant

Impossible de les faire sur ma machine.