



EXERCISES — User IDs

version #



Copyright

This document is for internal use at EPITA ([website](#)) only.

Copyright © 2021-2022 Assistants <assistants@tickets.assistants.epita.fr>

The use of this document must abide by the following rules:

- ▷ You downloaded it from the assistants' intranet.*
- ▷ This document is strictly personal and must **not** be passed onto someone else.
- ▷ Non-compliance with these rules can lead to severe sanctions.

Contents

1	User IDs	3
1.1	Goal	3
1.2	Example	3

*<https://intra.assistants.epita.fr>

1 User IDs

Files to submit:

- user_ids/get_ids.sh

Authorized commands:

- builtins
- sort(1)
- cut(1)
- grep(1)

1.1 Goal

You must write a script that displays on the standard output the user ids listed in the `/etc/passwd` file. Duplicated ids must not be displayed. The output must be sorted in descending order.

In each line of the file `/etc/passwd`, the user id is between the second and the third `:` character.

Tips

Your script should return 0 and will only be tested with valid files.

1.2 Example

```
42sh$ ./get_ids.sh
65534
964
920
845
562
560
558
556
193
88
80
68
66
65
64
62
60
53
29
26
25
22
```

(continues on next page)

(continued from previous page)

9	
8	
7	
5	
4	
3	
2	
1	
0	

It is my job to make sure you do yours.