

Most Active Cookie

Given a cookie log file in the following format:

```
cookie,timestamp
AtY0laUfhgkK3lC7,2018-12-09T14:19:00+00:00
SAZuXPGUrfbcn5UA,2018-12-09T10:13:00+00:00
5UAVanZf6UtGyKVS,2018-12-09T07:25:00+00:00
AtY0laUfhgkK3lC7,2018-12-09T06:19:00+00:00
SAZuXPGUrfbcn5UA,2018-12-08T22:03:00+00:00
4sMM2LxV07bPJzwf,2018-12-08T21:30:00+00:00
fbcn5UAVanZf6UtG,2018-12-08T09:30:00+00:00
4sMM2LxV07bPJzwf,2018-12-07T23:30:00+00:00
```

Using just a standard library in your chosen language, write a command line program which processes the cookie log and returns the most active cookie for specified day. Below example shows how we'll execute your program

Command:

```
$ ./most_active_cookie cookie_log.csv -d 2018-12-09
```

Output:

```
AtY0laUfhgkK3lC7
```

We define the most active cookie as one which was seen in the log the most times during a given day.

Assumptions:

- if multiple cookies meet that criteria, return all of them (each in new line):

```
$ ./most_active_cookie cookie_log.csv -d 2018-12-08
```

```
SAZuXPGUrfbcn5UA
4sMM2LxV07bPJzwf
fbcn5UAVanZf6UtG
```

- you can assume `-d` parameter takes date in UTC time zone,
- you're allowed to use additional libraries to test your code,
- you have enough memory to store the contents of the whole file,
- cookies in the log file are sorted by timestamp (most recent occurrence is first line of the file),

We're looking for a simple, correct solution (we don't want you to overthink this). We're hoping you'll deliver your solution as **production grade code** and demonstrate:

- good testing practices,
- knowledge of build systems, testing frameworks, etc.
- clean coding practices (meaningful names, clean abstractions, etc.)

We highly recommend choosing programming language and tools you're comfortable with to implement this project as we might be extending it in the next stage of your interview.