



# EXERCISES — Who's cut

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\*<https://intra.forge.epita.fr>

## File Tree

```
cut_csv/
├── with_cut.sh  (to submit)
└── with_sed.sh  (to submit)
```

**Authorized commands** : You are only allowed to use the following commands

- `cut(1)`
- `head(1)`
- `sed(1)`
- `tail(1)`
- `wc(1)`

**Reminder** : Grant execution permission to your scripts before pushing them

## 1 With a cutter

### Be careful!

For this part, you are not allowed to use `sed`.

### 1.1 Goal

Write a shell script that takes two arguments: a CSV filename and a line number. You should print the content of the associated line, formatted as follows:

```
<column2> is <column3>
```

- `column2` is the value of the second column of the line
- `column3` is the value of the third column of the line
- A linefeed is following
- This line should be printed on the standard output

The delimiter of CSV will always be `' ; '` and it will always have at least 3 columns. You do not have to check the file extension.

If the line cannot be retrieved, the arguments are considered invalid. If an argument is missing or is invalid, your script must not display anything.

Your script must return 0 if there is no error and 1 otherwise.

## 1.2 Example

```
James;Lebron;LABron;Lakers;  
Davis;Anthony;Unibrow;Pelicans;  
Mitchell;Donovan;Spida;Jazz;  
Harden;James;TheBeard;Rockets;  
Cousins;DeMarcus;Boogie;Warriors;  
Embiid;Joel;TheProcess;76Sixers;  
Bryant;Kobe;BlackMamba;Lakers;  
Jordan;Michael;AirJordan;Bulls;  
Johnson;Earvin;Magic;Lakers;  
Howard;Dwight;Superman;Wizards;  
Westbrook;Russel;MrTripleDouble;Thunder;  
Durant;Kevin;KD;Warriors;  
George;Paul;PG-13;Thunder;  
Leonard;Kawhi;TheKlaw;Raptors;  
Irving;Kyrie;UncleDrew;Celtics;
```

```
42sh$ ./with_cut.sh players.csv 10 | cat -e  
Dwight is Superman$
```

## 2 No scissors available

### 2.1 Goal

The directives for this script are the same as the previous one, but this time, only `sed` and `wc` are allowed.

### 2.2 Example

```
42sh$ ./with_sed.sh players.csv 15 | cat -e  
Kyrie is UncleDrew$
```

*I must not fear. Fear is the mind-killer.*