

# 193. Valid Phone Numbers

Easy

Topics

Companies

Given a text file `file.txt` that contains a list of phone numbers (one per line), write a one-liner bash script to print all valid phone numbers.

You may assume that a valid phone number must appear in one of the following two formats: `(xxx) xxx-xxxx` or `xxx-xxx-xxxx`. (x means a digit)

You may also assume each line in the text file must not contain leading or trailing white spaces.

## Example:

Assume that `file.txt` has the following content:

```
987-123-4567
123 456 7890
(123) 456-7890
```

Your script should output the following valid phone numbers:

```
987-123-4567
(123) 456-7890
```

## Bash:

```
# Read from the file file.txt and output all valid phone numbers to stdout.
grep -E "^[0-9]{3}-[0-9]{3}-[0-9]{4}|^([0-9]{3}) [0-9]{3}-[0-9]{4}$" file.txt
```