B1 - Unix & C Lab Seminar

B-CPE-100

Star

You are a star

Star

language: C
build tool: cc -o star *.c /path/to/our/my_putchar.c /path/to/our/-main.c

- The totality of your source files, except all useless files (binary, temp files, obj files,...), must be included in your delivery.

- Don't push your `main` function into your delivery directory, we will be adding our own. Your files will be compiled adding our `main.c` and our `my_putchar.c` files.
- You are only allowed to use the `my_putchar` function to complete the following tasks, but **don't push it** into your delivery directory, and don't copy it in *any* of your delivered files.

The only allowed system call for this project is `write`.

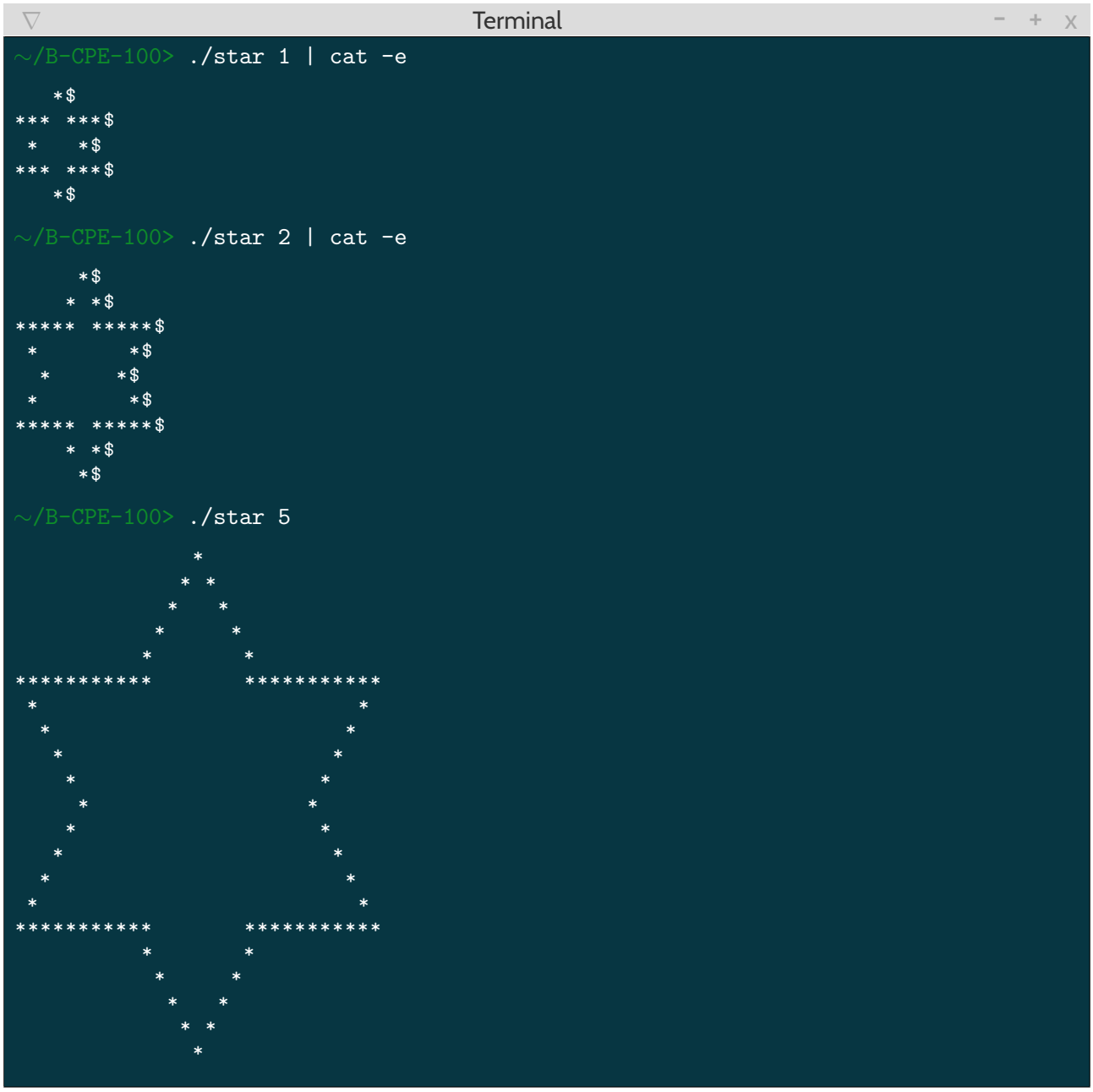
Write a function that displays a star, based on its given size.
If the size is 0, don't display anything (but it is not an error).

The function must be prototyped as follows:

```
void star(unsigned int size);
```

Here's some output with different sizes, it is up to you to deduce the rules regarding the star formation.

These examples (and maybe more) can also be found in a simple text files given with this subject.
In these example our star binary take a parameter which passed to the `star` function.


Terminal
~/B-CPE-100> ./star 1 | cat -e
*$
*** ***$
* *$
*** ***$
*$
~/B-CPE-100> ./star 2 | cat -e
*$
* *$
***** *****$
* *$
* *$
* *$
***** *****$
* *$
*$
~/B-CPE-100> ./star 5