# TO - KTR

T-MSC-000

# KTR

SS2

{EPITECH.}

# ADMINISTRATIVE DETAILS

Hello, and welcome to your first exercise in this brand new adventure you've embarked on! The purpose of this test is to prove that your experience corresponds to the level expected at the beginning of MSc in order to avoid unpleasant surprises once the training has started.

This subject is agnostic language, that is, it has been thought of, and you can do it with your favorite language.

If you choose a compiled language or stack, please commit the binaries in addition to your source code.

Read the entire subject before beginning.

Be meticulous about following instructions (that's also being a developer).

- Carry the tests alone.
- Commits your work as soon as possible, up to 1 hours after receiving it.
- Do not commit temporary or files unrelated to your project.

## SUBJECT

Create a program called `star` that displays a star, based on its given size.
If the size is 0, don't display anything (but don't consider it as an error).

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

> These examples (and maybe more of them) can also be found in a simple text file given with this subject.

```
~/T-MSC-000> ./star toto 1>/dev/null
Usage: ./star
~/T-MSC-000> ./star -1 1>/dev/null
Usage: ./star
~/T-MSC-000> ./star 0 1>/dev/null
~/T-MSC-000> ./star 1 | cat -e

   *$
*** ***$
 *   *$
*** ***$
   *$

~/T-MSC-000> ./star 5

              *
            *   *
          *       *
        *           *
      *               *
***********   ***********
  *                   *
   *                 *
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     *             *
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```