

# Week-end Challenge

## 02

### Subject:

For this challenge, you will have to write a program that writes input in the specified color on the terminal.

### Rules:

- Only 1 submission per student
- Your code has to be written in C and compile with the following flags: `-Wall -Wextra -Werror`
- Try to respect the norm as much as you can to make it readable, but also feel free to take some liberties if you want to: longer functions (more than 25 lines), the use of `switch` and `for`, etc
- To compile your program, please provide a `Makefile` or, if you can't be bothered, a script called `build.sh`.
- You do not have to handle error cases (invalid colors and arguments), but doing it will be considered a bonus.

### Mandatory part:

program name	color
Turn-in files	*.c / *.h / Makefile or build.sh
Arguments	the color you want your input to be written in RGB (3 separate arguments)
Authorized libraries	anything from the <b>libc</b>
Description	Your program will receive an RGB color as 3 arguments. It will then read from <b>stdin</b> and write what has been typed in the specified color (line by line).

You will copy any input in the specified color

```
> ./color 255 120 60
Skidaddle Skidoodle
Skidaddle Skidoodle
ye
ye
>
```

## Ressources :

- [WEC GitHub repository](#)

## Bonus :

If your program works perfectly, you can add more features to increase your chances to win. Feel free to add any bonus you want, here is a suggestion:

with the `-r` option, print the text as a rainbow

```
> ./color -r
what's poppin
what's poppin
>
```

## Turn-in :

To submit your project, compress the folder of the source code into a zip archive and send it by email to [tutors@sl9.be](mailto:tutors@sl9.be) with the following subject: `wec02 - [login]`.

The deadline is Sunday at 10:19pm.

## Results :

The results will be announced during the following Monday's AMA.