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the program, else the final grade is 14. Use the appropriate flag.
You should never have to edit any file except the configuration file if it exists. If you want to edit a file, take the time to explicit the reasons with the evaluated student and make sure both of you are okay with this.

- You must also verify the absence of memory leaks. Any memory allocated on the heap must be properly freed before the end of execution.
- You are allowed to use any of the different tools available on the computer, such as leaks, valgrind, or e_fence. In case of memory leaks, tick the appropriate flag.

Attachments

subject.pdf (<https://cdn.intra.42.fr/pdf/pdf/11457/en.subject.pdf>)

Mandatory Part

Check the library

- The library should consist of only .s files
- The makefile should not relink if not necessary
- Use the main.c and link it to the library with -L. -lasm
- For each function, you must check with errno (`#include <errno.h>`) that the syscalls errors are

properly reported from the asm code `ft_strlen`

- Try `ft_strlen` with an empty string- Try `ft_strlen` with a very long string

`ft_strcpy`

- Try `ft_strcpy` with an empty string- Try `ft_strcpy` with a very long string

`ft_strcmp`

- Try `ft_strcmp` with 2 empty strings
- Try `ft_strcmp` with 1 empty string as first argument
- Try `ft_strcmp` with 1 empty string as second argument
- Try `ft_strcmp` with multiple strings, equal or not, think about switching them `ft_write`

- Try `ft_write` with the stdout
- Try `ft_write` with an open file descriptor
- Try `ft_write` with a wrong file descriptor
- Check the return value `ft_read`

- Try `ft_read` with the stdin
- Try `ft_read` with an open file descriptor
- Try `ft_read` with a wrong file descriptor
- Check the return value

☐ Yes

☐ No

ft_strdup

- Try ft_strdup with an empty string
- Try ft_strdup with a very long string

☐ Yes

☐ No

Bonus

We will look at your bonuses if and only if your mandatory part is excellent. This means that you must complete the mandatory part, beginning to end, and your error management must be flawless, even in cases of twisted or bad usage. So if you didn't score all the points on the mandatory part during this defence bonuses will be totally ignored.

ft_atoi_base

- Check if ft_atoi_base is working as expected
- Try with a base 2 and a base 14

☐ Yes

☐ No

ft_list_push

- Check if ft_list_push is working as expected

☐ Yes

☐ No

ft_list_size

- Check if ft_list_size is working as expected

☐ Yes

☐ No

ft_list_sort

- Check if ft_list_sort is working as expected

☐ Yes

☐ No

ft_list_remove_if

- Check if ft_list_remove_if is working as expected
- You can use ft_strcmp in it for example

☐ Yes

☐ No

Ratings

Don't forget to check the flag corresponding to the defense

☐ Ok

☐ Outstanding project

☐ Empty work

☐ No author file

☐ W Invalid compilation

☐ Norme

☐ Cheat

☐ d Crash

☐ Leaks

☐ l Forbidden function

Conclusion

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