### (https://profile.intra.42.fr)

# SCALE FOR PROJECT LIBFTASM (/PROJECTS/LIBFTASM)

## Introduction

Please respect the following rules:

- Remain polite, courteous, respectful and constructive throughout the correction process. The well-being of the community depends on it.
- Identify with the person (or the group) graded the eventual dysfunctions of the work. Take the time to discuss and debate the problems you have identified
- You must consider that there might be some difference in how your peers might have understood the project's instructions and the scope of its functionalities. Always keep an open mind and grade him/her as honestly as possible. The pedagogy is valid only and only if peer-evaluation is conducted seriously.

## **Guidelines**

- Only grade the work that is in the student or group's GiT repository.
- Double-check that the GiT repository belongs to the student or the group. Ensure that the work is for the relevant project and also check that "git clone" is used in an empty folder.
- Check carefully that no malicious aliases was used to fool you and make you evaluate something other than the content of the official repository.
- To avoid any surprises, carefully check that both the correcting and the corrected students have reviewed the possible scripts used to facilitate the grading.
- If the correcting student has not completed that particular

project yet, it is mandatory for this student to read the entire subject prior to starting the defence.

- Use the flags available on this scale to signal an empty repository, non-functioning program, cheating etc. In these cases, the grading is over and the final grade is 0 (or -42 in case of cheating). However, with the exception of cheating, you are encouraged to continue to discuss your work (even if you have not finished it) in order to identify any issues that may have caused this failure and avoid repeating the same mistake in the future.
- For this project specificaly check the following points:
- \* There is a main.c file.
- \* There is a Makefile and it contains the usual rules.
- \* The .s files are compiled with the following command:
- `nasm -f macho64`
- \* You must compile the test main and the libfts.a library using the follocing command:
- `gcc -Wall -Wextra -Werror main.c libfts.a`
- \* You can't add the -no\_pie flag.
- Use the flags available on this scale to signal an empty repository, non-functioning program, a norm error, cheating etc. In these cases, the grading is over and the final grade is 0 (or -42 in case of cheating). However, with the exception of cheating, you are encouraged to continue to discuss your work (even if you have not finished it) in order to identify any issues that may have caused this failure and avoid repeating the same mistake in the future.
- During the whole correction, any segfault, buserror, double free or anything indicating an inadequat program behavior with the system stops the defense.

## **Attachments**



```
// bug intrav2 include fcntl.h

void ft_cat(int fd);

int main(int ac, const char **av) {
    ft_cat(0);
    ft_cat(open(__FILE__, O_RDONLY));
    ft_cat(open(av[0], O_RDONLY));
    ft_cat(-42);
    (void)ac;
    return (0);
}
```

Subject (https://cdn.intra.42.fr/pdf/pdf/5226/libft-asm.en.pdf)

# libfts

#### **Basic libc functions**

Test that ALL of the following functions are behaving exactly as they are supposed to:

- ft\_bzero
- ft strcat
- ft\_isalpha
- ft\_isdigit
- ft\_isalnum
- ft\_isascii
- ft\_isprint
- ft\_toupper
- ft\_tolower
- ft\_puts



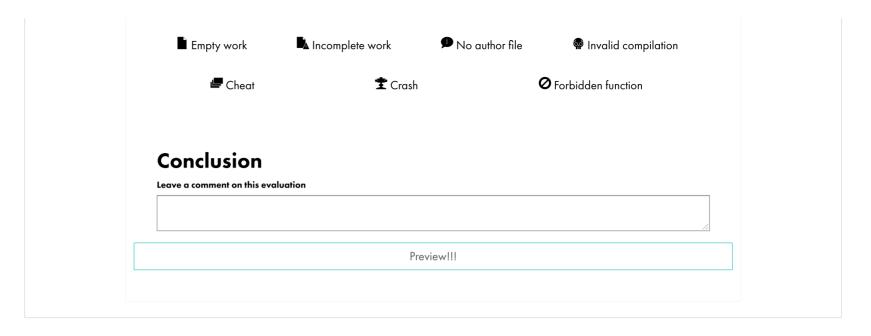
Rate it from 0 (failed) through 5 (excellent)

### Less basic libc functions

Test that ALL of the following functions are behaving exactly as they are supposed to:

- ft\_strlen
- ft\_memset

- ft_memcpy - ft_strdup			
Does it work?			
f in any of these functior	ns, the "rep" instruction isn't present on that uses "rep"), their score is 0.		
	Rate it from 0	(failed) through 5 (excellent)	
Cat			
Download the correction - `gcc -W -Wall -Werro/a.out - type "qwertyuiopasdfg		ccvbnm\n" then ^D (control + D)	
	v as well as the main.c file should be	e displayed.	
It not, tt_cat does not wo	ork correctly.		
lt not, tt_cat does not wo	ork correctly.	×No	
		×No	
Bonus		×No	
Bonus Extra Functions	⊗ Yes	×No	
Bonus  Extra Functions  Give 1 point per additio		No  (failed) through 5 (excellent)	
Bonus Extra Functions			
Bonus  Extra Functions  Give 1 point per additio			
Bonus  Extra Functions  Give 1 point per additio			



General term of use of the site (https://signin.intra.42.fr/legal/terms/6)

Privacy policy
(https://signin.intra.42.fr/legal/terms/5)

Legal notices
(https://signin.intra.42.fr/legal/terms/3)

Declaration on the use of cookies (https://signin.intra.42.fr/legal/terms/2)

Terms of use for video surveillance (https://signin.intra.42.fr/legal/terms/1)

(https://sigr