☐ ☐ (https://profile.intra.42.fr/searches)

ecoli

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

SCALE FOR PROJECT CPP MODULE 01 (HTTPS://PROJECTS.INTRA.42.FR/PROJECTS/CPP-MODULE-01)

You should evaluate 1 student in this team

П

Git repository

git@vogsphere.42roma.it:vogsphere/intra-uuid-f3bbf05f-5cdd-47d2-8c

Introduction

Please comply with the following rules:

- Remain polite, courteous, respectful and constructive throughout the evaluation process. The well-being of the community depends on it.
- Identify with the student or group whose work is evaluated the possible dysfunctions in their project. Take the time to discuss and debate the problems that may have been identified.
- You must consider that there might be some differences in how your peers might have understood the project's instructions and the scope of its functionalities. Always keep an open mind and grade them as honestly as possible. The pedagogy is useful only and only if the peer-evaluation is done seriously.

Guidelines

- Only grade the work that was turned in the Git repository of the evaluated student or group.
- Double-check that the Git repository belongs to the student(s). Ensure that the project is the one expected. 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 that is not the content of the official repository.
- To avoid any surprises and if applicable, review together any scripts used to facilitate the grading (scripts for testing or automation).
- If you have not completed the assignment you are going to evaluate, you have to read the entire subject prior to starting the evaluation process.
- Use the available flags to report an empty repository, a non-functioning program, a Norm error, cheating, and so forth.

In these cases, the evaluation process ends and the final grade is 0, or -42 in case of cheating. However, except for cheating, student are strongly encouraged to review together the work that was turned in, in order to identify any mistakes that shouldn't be repeated in the future.

- 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/102896/en.subject.pdf)

Preliminary tests

If cheating is suspected, the evaluation stops here. Use the "Cheat" flag to report it. Take this decision calmly, wisely, and please, use this button with caution.

Prerequisites

The code must compile with c++ and the flags -Wall -Wextra -Werror Don't forget this project has to follow the C++98 standard. Thus, C++11 (and later) functions or containers are NOT expected.

Any of these means you must not grade the exercise in question:

- A function is implemented in a header file (except for template functions).
- A Makefile compiles without the required flags and/or another compiler than c++.

Any of these means that you must flag the project with "Forbidden Function":

- Use of a "C" function (*alloc, *printf, free).
- · Use of a function not allowed in the exercise guidelines.
- Use of "using namespace <ns name>" or the "friend" keyword.
- Use of an external library, or features from versions other than C++98.

□ Yes	□ No

Exercise 00: BraiiiiiinnnzzzZ

The goal of this exercise is to understand how to allocate memory in C++.

Makefile and tests

There is a Makefile that compiles using the appropriate flags.

There is at least a main to test the exercise.

☐ Yes	□ No
□ Yes	□ No

Zombie Class		
There is a Zombie Cla	SS.	
It has a private name a	attribute.	
It has at least a constru		
	, , .	rints: " <name>: BraiiiiiiiinnnzzzZ"</name>
The destructor prints a	debug message that inclu	udes the name of the zombie.
	□ Yes	□ No
newZombie		
		Zombie* newZombie(std::string name);]
	mbie on the heap and retu	
	e constructor that takes a	string and initializes
the name. The exercise should be	e marked as correct if the	Zombie can announce itself
with the name passed		Zombie can amounce usen
There are tests to prov		
•	correctly before the end of	f the program.
	•	
	□ Yes	□ No
It should create a Zom	bie on the stack, and make	
It should create a Zom Ideally the zombie sho at the end of the functi explicitly deleted. The student must justi	bie on the stack, and make ould be allocated on the sta on). It can also be allocate fy their choices.	e it announce itself. ack (so implicitly deleted
It should create a Zom Ideally the zombie sho	bie on the stack, and make ould be allocated on the sta on). It can also be allocate fy their choices.	e it announce itself. ack (so implicitly deleted
It should create a Zom Ideally the zombie sho at the end of the functi explicitly deleted. The student must justif There are tests to provide the provided of this exercise.	bie on the stack, and make ould be allocated on the state on). It can also be allocated fy their choices. Ye everything works. Yes 1: Moar brain	e it announce itself. ack (so implicitly deleted ed on the heap and then
It should create a Zom Ideally the zombie sho at the end of the functi explicitly deleted. The student must justif There are tests to provide the goal of this exercise properly delete them.	bie on the stack, and make ould be allocated on the state on). It can also be allocated fy their choices. Ye everything works. Yes 1: Moar brain	e it announce itself. ack (so implicitly deleted ed on the heap and then □ No
It should create a Zom Ideally the zombie sho at the end of the functive explicitly deleted. The student must justiful There are tests to provide the goal of this exercise properly delete them. Makefile and tests There is a Makefile that	bile on the stack, and make all be allocated on the state on). It can also be allocated fy their choices. We everything works. Yes 1: Moar brain see is to allocate a number of the state of the state on the state of the state on the state of the state on the state of the state on the state of the state on the state on the state on the state of the state on the stat	e it announce itself. ack (so implicitly deleted and on the heap and then No No No No nz! of objects at the same time using new[], initialize them, and the same time using new[].
It should create a Zom Ideally the zombie sho at the end of the functi explicitly deleted. The student must justif There are tests to provide the goal of this exercise properly delete them. Makefile and tests There is a Makefile that	bile on the stack, and make all be allocated on the state on). It can also be allocated fy their choices. We everything works. Yes 1: Moar brain see is to allocate a number of the state of the state on the state of the state on the state of the state on the state of the state on the state of the state on the state on the state on the state of the state on the stat	e it announce itself. ack (so implicitly deleted and on the heap and then No No No No nz! of objects at the same time using new[], initialize them, and the same time using new[].
It should create a Zom Ideally the zombie sho at the end of the functi explicitly deleted. The student must justif There are tests to provide the goal of this exercise properly delete them. Makefile and tests	bile on the stack, and make all be allocated on the state on). It can also be allocated fy their choices. Ye everything works. Yes 1: Moar brains se is to allocate a number of the state of the stat	e it announce itself. ack (so implicitly deleted ed on the heap and then No No No No No priate flags.

file:///D:/Correction/Intra Projects CPP Module 01 Edit.html

It returns a pointer to the first zombie.

It allocates N zombies on the heap explicitly using new[].

After the allocation, there is an initialization of the objects to set their name.

	□ Yes	□ No
Exercise 02	2: HI THIS IS BRAIN	
Demystify references! Demystify re	Demystify references! Demystify references! Leferences! Demystify references! Demystify references! Demystify references!	
Makefile and tests		
Γhere is a Makefile that Γhere is at least a main	compiles using the appropriate flags. to test the exercise.	
	□ Yes	□ No
HI THIS IS BRAIN		
stringPTR is a pointer to stringREF is a reference The address of the strin	e to the string. g is displayed using the string variable, the	
stringPTR and the string The variable content is o	gREF. displayed using the stringPTR and the stringI	REF.
	□ Yes	□ №
	B: Unnecessary violer ercise is to understand that pointers and refer appropriate depending on the use and the life	rences present some small differences tha
make them less or more Makefile and tests There is a Makefile that	compiles using the appropriate flags.	
make them less or more	to test the exercise.	
make them less or more Makefile and tests There is a Makefile that		□ No
make them less or more Makefile and tests There is a Makefile that	to test the exercise.	□ No
Makefile and tests There is a Makefile that There is at least a main Weapon There is a Weapon clas	to test the exercise.	

There is a Makefile that compiles using the appropriate flags. There is at least a main to test the exercise. Yes		pointer to a Weapon since weapon can be NULL.	the field is flot set at
Makefile and tests There is a Makefile that compiles using the appropriate flags. There is at least a main to test the exercise. Yes No No Exercise 04 There is a function replace (or other name) that works as specified in the subject. There is a function replace (or other name) that works as specified in the subject. If you can find an error that isn't handled, and isn't completely esoteric, no points for this exercise. The program must read from the file using an ifstream or equivalent, and write using an ofstream or equivalent. The implementation of the function should be done using functions from std::string, no by reading the string character by character. This is not C anymore! Yes No Exercise 05: Harl 2.0 The goal of this exercise is to use pointers to class member functions. Also, this is the opportunity to discover the different log levels. Makefile and tests There is a Makefile that compiles using the appropriate flags. There is a Makefile that compiles using the appropriate flags.		□ Yes	□ No
Makefile and tests There is a Makefile that compiles using the appropriate flags. There is at least a main to test the exercise. Yes No No Exercise 04 There is a function replace (or other name) that works as specified in the subject. There is a function replace (or other name) that works as specified in the subject. If you can find an error that isn't handled, and isn't completely esoteric, no points for this exercise. The program must read from the file using an ifstream or equivalent, and write using an ofstream or equivalent. The implementation of the function should be done using functions from std::string, no by reading the string character by character. This is not C anymore! Yes No Exercise 05: Harl 2.0 The goal of this exercise is to use pointers to class member functions. Also, this is the opportunity to discover the different log levels. Makefile and tests There is a Makefile that compiles using the appropriate flags. There is a Makefile that compiles using the appropriate flags.	-	4.0.11.6	
Makefile and tests There is a Makefile that compiles using the appropriate flags. There is at least a main to test the exercise. Yes			
There is at least a main to test the exercise. Yes	Makefile and tests	,	
Exercise 04 There is a function replace (or other name) that works as specified in the subject. The error management is efficient: try to pass a file that does not exist, change the permissions, pass it empty, etc. If you can find an error that isn't handled, and isn't completely esoteric, no points for this exercise. The program must read from the file using an ifstream or equivalent, and write using an ofstream or equivalent. The implementation of the function should be done using functions from std::string, no by reading the string character by character. This is not C anymore! Yes No No No Yes No No Yes No No Yes No No Yes No No No Yes No No No Yes No No			priate flags.
There is a function replace (or other name) that works as specified in the subject. The error management is efficient: try to pass a file that does not exist, change the permissions, pass it empty, etc. If you can find an error that isn't handled, and isn't completely esoteric, no points for this exercise. The program must read from the file using an ifstream or equivalent, and write using an ofstream or equivalent. The implementation of the function should be done using functions from std::string, no by reading the string character by character. This is not C anymore! Sexercise 05: Harl 2.0 The goal of this exercise is to use pointers to class member functions. Also, this is the opportunity to discove the different log levels. Makefile and tests There is a Makefile that compiles using the appropriate flags. There is at least a main to test the exercise.		□ Yes	□ No
Subject. The error management is efficient: try to pass a file that does not exist, shange the permissions, pass it empty, etc. If you can find an error that isn't handled, and isn't completely esoteric, no points for this exercise. The program must read from the file using an ifstream or equivalent, and write using an ofstream or equivalent. The implementation of the function should be done using functions from std::string, no by reading the string character by character. This is not C anymore! Yes No Exercise 05: Harl 2.0 The goal of this exercise is to use pointers to class member functions. Also, this is the opportunity to discover the different log levels. Makefile and tests There is a Makefile that compiles using the appropriate flags. There is at least a main to test the exercise.	Exercise 04		
Exercise 05: Harl 2.0 The goal of this exercise is to use pointers to class member functions. Also, this is the opportunity to discove the different log levels. Makefile and tests There is a Makefile that compiles using the appropriate flags. There is at least a main to test the exercise.	If you can find an error no points for this exerc The program must rea and write using an ofs The implementation of	r that isn't handled, and isn' cise. d from the file using an ifstr tream or equivalent. f the function should be don ng the string character by c	ream or equivalent, ne using functions from
The goal of this exercise is to use pointers to class member functions. Also, this is the opportunity to discove the different log levels. Makefile and tests There is a Makefile that compiles using the appropriate flags. There is at least a main to test the exercise.		□ Yes	□ No
There is a Makefile that compiles using the appropriate flags. There is at least a main to test the exercise. ☐ Yes ☐ No		se is to use pointers to clas	s member functions. Also, this is the opportunity to discover
Γhere is at least a main to test the exercise. ☐ Yes ☐ No	Makefile and tests		
			priate flags.
Our beloved Harl		□ Yes	□ No

Ideally, the student should have implemented a way of matching the different strings corresponding to the log level to the pointers of the corresponding

member function. If the implementation is different but the exercit as valid. The only thing that is not allowed is The student could have chosen to change the display the examples given in the subject, both	s using a ugly if/elseif/else. e message Harl displays or to		
□ Yes		□ No	
Exercise 06: Harl filte Now that you are experienced coders, you sh of this last exercise is to make you discover the	ould use new instruction type	es, statements, loo _l	os, etc. The goal
Makefile and tests			
There is a Makefile that compiles using the ap There is at least a main to test the exercise.	opropriate flags.		
□ Yes		□ No	
Switching Harl Off			
The program harlFilter takes as argument any "INFO", "WARNING" or "ERROR"). It should that are at the same level or above (DEBUG must be implemented using a switch stateme Once again, no if/elseif/else anymore please.	then display just the message < INFO < WARNING < ERRO nt with a default case.		
□ Yes		□ No	
Ratings			
Don't forget to check the flag corresponding to th ☐ Ok		tstanding project	
Empty work Incomplete work	W Invalid compilation	□ Cheat	d Crash
□ Concerning situation □ Leaks	1 Forbidden function	□ Can't support	/ explain code
Conclusion Leave a comment on this evaluation			
11			

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

Privacy policy (https://profile.intra.42.fr/legal/terms/5)
General term of use of the site (https://profile.intra.42.fr/legal/terms/6)
Rules of procedure (https://profile.intra.42.fr/legal/terms/4)
Terms of use for video surveillance (https://profile.intra.42.fr/legal/terms/1)
Legal notices (https://profile.intra.42.fr/legal/terms/3)