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

SCALE FOR PROJECT ABSTRACT VM (/PROJECTS/ABSTRACT-VM)

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, 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.

Attachments

Subject (/uploads/document/document/999/abstract-vm.en.pdf)

Preliminaries

Preliminaries tests

Check firstly the following elements:

- There is something in the git repository.
- No cheating (All functions are authorised, the student can explain the code, $\ldots\!)$

If an element isn't implemented as explained in the subject, the grading ends. Use the appropriate flag. You're allowed to debate some more.





Feature's testing

Test 1

Run the following program:

push int32(42) push int32(33)

Test 4			
€	Yes	imesNo	
Does the program stops properly	because of the overflow error?		
oush int16(999999999999999999999999999999999999	99999999999)		
Run the following program:			
Test 3			
€	Yes	×No	
Does the program stops properly	because of the 0 division?		
exit			
div			
oush int32(32) oush int32(0)			
Run the following program:			
Test 2			
€	Yes	XNo	
Does the program execute prope			
exit			
oop assert double(42.42)			
dump			
oush int32(42)			
mp p			

Does the program stops	properly because of a syntax error?		
	⊗ Yes	×N₀	
Test 5			
Run the following progre	am:		
pop exit			
Does the program stops	properly because of an empty stack?		
	⊗ Yes	imesNo	
Test 6			
Run the following progre	am:		
push int32(42) assert int32(0) exit			
Does the program stops	properly on an assert error?		
	⊗ Yes	XNo	
Test 7			
Run the following progre	am:		
push int32(42) add exit			
Does the program stops	properly on a missing operand?		

Run the following program:		
push int8(33) ;!		
push int8(112) ;p		
push int8(111);o		
push int8(108) ;l		
push int8(112) ;p		
print		
pop		
print		
рор		
print		
рор		
print		
pop		
print		
pop		
exit		
Does the program run properly and display the following output?		
p		
0		
p		
!		
	×No	
Custom test		
Run your own tests. For example, run operation with mixed types, really big or really small numbers (overflow and underflow excluded).		
Does the program run as expected?		
	×No	
Difficult custom test		
Run a really complicated program of your invention (a vicious test basically).		
Does the program run as expected?		





