

# SCALE FOR PROJECT PISCINE PHP (/PROJECTS/PISCINE-PHP) / DAY 07 (/PROJECTS/42-PISCINE-C-FORMATION-PISCINE-PHP-DAY-07)

## Guidelines

Preliminaries are important!

- Is everybody present?
- Only grade the work that is in the student or group's GiT repository.
- Chrome as well as curl must be used for this defence (the version available on the dumps).

If there is nothing in the repository put 0 and stop evaluation.

Discuss what went wrong (not necessarily on the technical side) and how to avoid same situation tomorrow.

It is mandatory to have all point for an exercise to move to the next. The first exercise that doesn't get all the points stops the evaluation.

The following points stop the evaluation and give a 0:

- To use forbidden PHP parts, especially notions from d08.
- An output that differ consequently from the required output (incomplete information, wrong computation, missing feature, etc ).

The following aren't eliminatory:

- To have an output that differs in its formatting (one more or less space, etc.).
- To have a method or an attribute that doesn't have exactly the same name but keep the same semantic though.
- To solve the problem with a different algorithm than the one explained in the subject, as long as the result is identical.

## Exercise 00: Short and proud

### Exercise 00: Short and proud

Use the attached files to test the exercise.

The Tyrion Class **MUST** inherit Lannister;

Its constructor MUST call the one from the parent.

If Everything is OK, give all the points.

☒ Yes

☐ No

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## Exercise 01: Words of honor

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### Exercise 01: Words of honor

Use the attached files to test the exercise.

test1.php must work properly.

test2.php must end with a fatal error.

The submitted Class should simply contain protected attributes.

If Everything is OK, give all the points.

☒ Yes

☐ No

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## Exercise 02: Fireproofing

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### Exercise 02: Fireproofing

Use the attached files to test the exercise.

The submitted Class should contain a getBurned method which calls static::resistsFire. However there is some other way to do it discuss it.

If Everything is OK, give all the points.

☒ Yes

☐ No

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## Exercise 03: Playing house

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### Exercise 03: Playing house

Use the attached files to test the exercise.

test1.php must work properly.

test2.php must end with a fatal error.

The submitted Class must have 3 abstract methods (getHouse{Name,Motto,Seat}) and a introduce method which calls the 3 methods via dynamic linkage.

If Everything is OK, give all the points.

☒ Yes

☐ No

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## Exercise 04: His sister ? Seriously ?

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### Exercise 04: His sister ? Seriously ?

Use the attached files to test the exercise.

The submitted Classes should use the instanceof operator to check the type of the sleepWith argument.

If Everything is OK, give all the points.

☒ Yes

☐ No

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## Exercise 05: Winter is coming

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### Exercise 05: Winter is coming

Use the attached files to test the exercise.

test1.php must work properly.

test2.php must end with a fatal error.

There must be a IFighter interface with a fight() method, as well as a NightsWatch Class which maintains an internal array filled using recruit(), the fight() method checks that everybody member in the array implements the IFighter interface before doing anything.

If Everything is OK, give all the points.

☒ Yes

☐ No

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## Exercise 06: The wrong kind of pact

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Use the attached files to test the exercise.

test1.php must work properly.

test2.php must end with a fatal error.

There is a lot of ways to solve the Factory problem, the easiest would be to have a copy/clone method in the Fighter Class which return a new instance of the type of the object.

If Everything is OK, give all the points.

☒ Yes

☐ No

## Ratings

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

☒ Ok

☐ Empty work

☐ Incomplete work

☐ No author file

☐ Invalid compilation

☐ Norme

☐ Cheat

☐ Crash

☐ Forbidden function

## Conclusion

Leave a comment on this evaluation

Preview!!!