← Project review - APP1 Bootcamp. Day01

Type of project

Duration

Passed Peer Reviews

1/3

Git project

ssh://git@repos-ssh.21-school.ru:2289/students/Python_Bootcamp._Day_01.ID_86974...

Copy link

Open

Student

A

Level 9

Introduction

About

The methodology of School 21 makes sense only if peer-to-peer reviews are done seriously. Please read all guidelines carefully before starting the review.

Diagon stay courtoous polito respectful and constructive in all communications during t



- keep in mind that sometimes there can be differences in interpretation of the tasks and the scope of features. Please, stay open-minded to the vision of the other.
- If you have not finished the project yet, it is compulsory to read the entire instruction bef ore starting the review.

Guidelines

- Evaluate only the files that are in src folder on the GIT repository of the student or group.
- Ensure to start reviewing a group project only when the team is present in full.
- Use special flags in the checklist to report, for example, an "empty work" if repository do es not contain the work of the student (or group) in the src folder of the develop branch, or "cheat" in case of cheating or if the student (or group) are unable to explain their work at a ny time during review as well as if one of the points below is not met. However, except for cheating cases, you are encouraged to continue reviewing the project to identify the proble ms that caused the situation in order to avoid them at the next review.
- Doublecheck that the GIT repository is the one corresponding to the student or the group.
- Meticulously check that nothing malicious has been used to mislead you.
- In controversial cases, remember that the checklist determines only the general order of the check. The final decision on project evaluation remains with the reviewer.

MAIN PART

Exercise 00 - Functional Purse

Check that the script includes three required functions - `add_ingot(purse)`, `get_ingot(purse)` and `empty(purse)`

Check that an object passed as an argument is never being modified directly, and a new object is created instead. This includes direct assignments to dictionary keys (cases like `=`, `+=` or `-=` are considered direct assignments)

Check that `add_ingot(purse)` function increases the number of gold ingots in a purse by o ne, e.g. `add_ingot({"gold_ingots": 6})` returns `{"gold_ingots": 7}`

Check that `get_ingot(purse)` function decreases the number of gold ingots in a purse by o ne, e.g. `get_ingot({"gold_ingots": 6})` returns `{"gold_ingots": 5}`

Check that `empty(purse)` returns an empty dictionary

Check that `add_ingot(get_ingot(add_ingot(empty(purse))))` returns `{"gold_ingots": 1}`. Check that all three functions work with empty dictionary as an input without any errors Check that all three functions work with dictionary containing something different from "g

old_ingots" as an input without any errors



Check that the program includes a function `split_booty`

Check that the function can accept one, two or more arguments by using star notation

Check that function returns three empty purses if no gold ingots are in input

Check that for any given combination of purses and quantity of ingots the total number of them in any two of three returned purses the difference between the numbers of ingots is n o larger than 1

Check that no direct assignments to dictionary keys are used in `split_booty` function (cas es like `=`, `+=` or `-=` are concidered direct assignments)



Exercise 02 - Burglar Alarm

Check that whenever functions `add_ingot(purse)`, `get_ingot(purse)` or `empty(purse)` a re called, a word "SQUEAK" is printed

Check that function code isn't modified for this particular task in any way, and instead a de corator is used



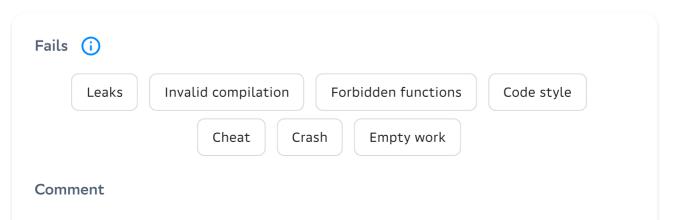
BONUS PART

Testing

Check that additional tests are implemented as a separate code for checking the business logic of the solutions



Feedback



Leave a comment...

✓ Review