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SCALE FOR PROJECT PISCINE JAVA (/PROJECTS/PISCINE-JAVA) / DAY 00 (/PROJECTS/PISCINE-JAVA-DAY-00)

You should evaluate 1 student in this team



Git repository

git@vogsphere.kzn.21-school.ru:vogsphere/intra-uuid-7f7a9c6



Introduction

The methodology of School 21 makes sense only if
peer-to-peer assessments are done seriously.
This document will help you to do it properly.

- Please, stay courteous, polite, respectful and constructive in all communications during this assessment. The bond of trust between community 21 and you depends on it.

- Highlight possible malfunctions of the work done by the person and take the time to discuss and debate it.

- 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.

Guidelines

- Evaluate only the files that are on the GIT repository of the student or group.

- Doublecheck that the GIT repository is the one corresponding to the student or the group as long as to the project.

- Meticulously check that nothing malicious has been used to mislead you and have you assess something except

the content of the official repository.

- If you have not finished the project yet, it is compulsory to read the entire instruction before starting the review.

- Use the special flags in the scale to report an empty or non-functional solution as long as a case of cheating.

In these cases, the assessment is completed and the final grade is 0 (or in a case of cheating is -42).

However, except for a case of cheating, you are encouraged to continue reviewing the project to identify the problems that caused the situation in order to avoid them for the next assessment.

- You must stop giving points from the first wrong exercise even if the following exercises are correct.

Attachments

 subject.pdf (<https://cdn.intra.42.fr/pdf/pdf/26247/en.subject.pdf>)

Preliminaries

Respect the rules

- The repository contains the work of the student (or group).
- The student is able to explain their work at any time during the assessment.
- The general rules and any rules specific to the day are respected throughout the assessment.

 Yes

 No

Piscine Java | MODULE 00

Exercise 00 – Sum of Digits

- Does the number in the code have six digits?
- Is the variable for value storage declared as number?
- Is it true that maximum 8 variables are used?
- Is it true that changing the operand to any six-figure number does not result in modification of other part of the code, and application operability is retained?
(e. g. `int number = 479598; int result = 4 + 7 + 9 + 5 + 9 + 8;`)

☒ Yes☐ No

Exercise 01 – Really Prime Number

- Is the number of iterations output by the program no greater than the numbers specified in examples?
- Does the system output `IllegalArgument` for 0?
- Does the system output `IllegalArgument` for 1?
- Is the number of iterations for numbers 2 and 3 equal to 1?
- Does the program exit with code -1 when errors occur? (`System.exit`)
- Does `IllegalArgument` message output via `System.err`?

☒ Yes☐ No

Exercise 02 – Endless Sequence (or not)

- If 42 is entered into the program immediately, will it exit with output 'Count of coffee-request - 0'?
- Does the program output a correct result if numbers are not entered in a new line, rather sequentially, and separated by a space?
- Is the "-" signed separated by a space on both sides?

☒ Yes☐ No

Exercise 03 – A Little Bit of Statistics

- Does the program output correct response for the following input data?

Week 1

5 6 7 8 9

Week 2

5 6 7 8 9

Week 3

5 6 7 8 9

Week 4

5 6 7 8 9

Week 5

5 6 7 8 9

Week 6

5 6 7 8 9

Week 7

5 6 7 8 9

Week 8

5 6 7 8 9

Week 9

5 6 7 8 9

Week 10

5 6 7 8 9

Week 11

5 6 7 8 9

Week 12

5 6 7 8 9

Week 13

5 6 7 8 9

Week 14

5 6 7 8 9

Week 15

5 6 7 8 9

Week 16

5 6 7 8 9

Week 17

5 6 7 8 9

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- If weeks are entered in incorrect order, will the program quit with -1 code and IllegalArgumentException via System.err message?
- Is line concatenation within loop for forming the result missing?

☒ Yes

☐ No

Exercise 04 – A Bit More of Statistics

- Enter Russian text into the program. Are program execution results correct?
- Are letters in the histogram sorted based on count of occurrences in descending order?
- Is the chart scaled for a case when the maximum count of occurrence of a letter is less than 10?
- There is no sorting of the initial array of characters in the program, right?
- Is the number of iterations over the initial array in the program limited by two?
- Does the program work correctly for a line whose length is less than 10?
- Does the program process zero-length lines correctly?
- Will the program work correctly if you enter the text (Ctrl + A, Ctrl + C, Ctrl + V) which is currently displayed in your browser? (Remove "\n" characters in the text beforehand using any text editor).

☒ Yes

☐ No

Exercise 05 – Schedule

- Is the table formatted as in the example? (All indents, spaces, and column width are taken into account.).
Formatting examples:

4:00 WE 2 |

John |

Mike |

Student's name: "%10s"

Lesson: "%1d:00%3s%3d|"

Visit: "%10d|"

- Are intraday lessons sorted by hour?
- Are intramonth lessons sorted by day of month?
- Does the program work correctly if there are multiple lessons in a day?

☒ Yes☐ No

Ratings

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

☒ Ok☐ ★ Outstanding project☐ Empty work☐ No author file☐ Invalid compilation☐ Norme☐ Cheat☐ Crash☐ Leaks☐ Forbidden function

Conclusion

Leave a comment on this evaluation

Finish evaluation

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