


PDS.2023 - Lab 2: Code revision

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 Não partilhado



Rascunho guardado

* Indica uma pergunta obrigatória

Select you group *

401

Select the group you are reviewing (you should repeat this form twice, one per each group) *

202

Q1 - Consider the code organization (all files).

(Mark all that apply)

- ☐ The folder is well organised (e.g., it does not contain .class files, useless folders, etc,...)
- ☒ The program is well constructed and it is easy to follow
- ☒ There is no identification of the authors
- ☒ Naming conventions (classes, variables, ...) are well applied
- ☐ The code is well documented
- ☐ Good object-oriented principles are used



Q2 - Regarding the program WSSolver, the following input requirements were followed

(Mark all that apply)

- ☐ The puzzle will always be a square.
- ☐ The maximum size puzzle is 40x40.
- ☐ The puzzle letters will be uppercase.
- ☐ The word list may be lower or mixed case.
- ☐ The words will be comprised of alphabetic characters.
- ☐ It checks there is no blank lines in the input file
- ☐ All the words in the list must be in the puzzle, just once.
- ☐ The word list may contain partially duplicated words,(e.g. it may contains both BAG and RUTABAGA).

Q3 - Regarding the program WSSolver

- ☒ The program runs as expected, i.e. there is no need to change the code to be executed
- ☒ The program can be executed through command line (i.e. accepts args[])
- ☒ Regarding the output,, the list is correctly printed, showing the words in the right positions
- ☒ Regarding the output, the grid is correctly presented
- ☐ Examples of input and output are included
- ☐ The examples were well prepared



Q4 - Analyse the code of the WSGenerator and how it was implemented. Check the following

- ☐ It runs as expected, and fulfils the requirements
- ☐ Is is robust (e.g., I checked a long list with a small grid and it "gives up" after some time/iterations, showing a message)
- ☐ The pairs of files (input, output) are included
- ☒ I have tested with at least two other input files
- ☐ It allows overlapping of characters from different words
- ☐ The distribution of words in the grid is completely random

Q5 - Analyze the solutions in terms of Clean Code (Check the following): *

- ☒ Testable and tested
- ☒ Elegant
- ☐ Efficient
- ☒ Expressive
- ☐ Expected
- ☒ Readable
- ☒ Minimal Dependencies
- ☐ Maintainable
- ☐ Self Documenting
- ☒ Simple



Q6 - Analyze the solutions in terms of Bad Code (Check the following): *

- ☐ Obsolete Comments
- ☐ Poorly Written Comments
- ☒ Commented out code
- ☒ Too many arguments
- ☐ Output arguments
- ☐ Dead functions
- ☐ Duplication
- ☒ Incorrect Behavior and Boundaries
- ☐ Code at the wrong level of abstraction
- ☐ Base classes depending on their derivatives
- ☐ Not using meaningful variable names

Q7 - How to you globally rank this work? *

	1	2	3	4	5	
Very bad	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

Q8 - I (we) found this work *

- ☒ Not as good as mine/ours
- ☐ At the same level
- ☐ Better than mine/ours



Q9 - Overall review of this Group's work *

(Please detail the positive and negative aspects of this implementation)

Avaliacao gp202

- => Os programas compilam sem erros
- => Acho que poderia se criar um projecto para cada problema
- => Não foi feito a POO

===== WSSolver =====

- => Da erro "Erro: Puzzle nao quadrado" para um puzzle quarado (alguns)
- => Não tratou um erro de substring
- => Não detecta letra minuscula na sopa
- => Não verifica palavras com todas maiúsculas
- => Executa com palavras não existente
- => Executa com palavra repetida
- => Função de print desempenha várias actividades
- => Embora o codigo nao desempenhe todas as funcoes, está comentado e fácil de ler
- => Varias estruturas "if" e "for" dentro de outras

===== WSGenerator =====

- => O generator, muitas vezes, não consegue introduzir palavras
- => Gera matrizes de tamanho maiores que 40
- => Da prints com espaco, que também vao ao ficheiro de saida
- => Varias estruturas "if" e "for" dentro de outras
- => Não é feito nenhum teste para verificar se o puzzle é valido
- => "if" com varias condicoes
- => Podia se criar uma funcao para inserir palavras

Enviar

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