

ТЕХНОЛОГИЧНО УЧИЛИЩЕ
„ЕЛЕКТРОННИ СИСТЕМИ“

Learning from errors

16 GB RAM

(random access memory)

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- How many errors are there?

Wrong names of the .rb file

Incorrect output name (ex. wrong *results.csv* - correct *result.csv*)

The program is not working with fixtures different from First_Last_Digit.rb as its said in the task. The program is checked with other fixtures and thats why it gives undefined method.

Totally broken program

- How many correct results are there?

A few only from class A

- Georgi Ivanov
- Moretti Georgiev
- Hristo Dachev
- Kamena Decheva
- Stanimir Bogdanov

- Are there common errors?

- Mostly there are three different tasks to be done. And respectively there are common errors for each different task as the main logic of the programs is the same.

- Are there categories of errors?

- Bad output
- Wrong CSV file names
- Compile errors
- Wrong File names

- The problems with names(hex code, output name, etc.) are about 50% of the mistakes.

- How could errors like this be avoided in the first place?

Correct CSV file names

Should be more careful with the syntax in the scripts

- A new appendix for each program.

- What is the program - copy paste the code?

- What is the problem in this program?

- Is there a quick solution to this problem and how can we change it to make it work?

- Rank how good you think the program is between 1 and 5. A program is good if it is easy to understand, readable, working in most cases

- Are there Working programs?

There are working files, but they don't combine well with the testing fixtures.

There are task where is said the exact format of the name (First_Last_digit.rb) and the programs are made to work on that kind of files. When fixture with different part comes in the programs goes for undefined method.

Appendixes:

Borislav_Rusinov_2_6fb3ad.rb

original:

Borislav_Rusinov_2_6fb3ad.rb

fixed:

Borislav_Rusinov_2_5f1c22.rb



Denis_Trenchev_4_b4c3f5.rb

original:

output csv name: **students**.csv

fixed:

output csv name: **result**.csv



Dimitar_Nestorov_7_0d5526.rb

original:

42: **array = array.sort_by { |e| -e[1]}**

fixed:

42: **array.sort!.reverse!**



Kristina_Pironkova_15_890ba0.rb

original:

output csv name: **results**.csv

fixed:

output csv name: **result**.csv



Dimitar_Terziev_6_88db52.rb // wrong regexp

original:

22: if(file_str=~^A[a-zA-Z]+_[a-zA-Z]+_\d+\.rb\$) && file_str.split('_')[1].size == 5)

fixed:

22: if(file_str=~^A[a-zA-Z0-9]+_[a-zA-Z0-9]+_\d+\.rb\$) && file_str.split('_')[1].size == 5)



Ivelin_Slavchev_10_835552.rb // error from oversight

original:

if (ext2 != "rb") or (digit2.to_i.to_s != **digit**) or (short2.scan("_").count != 2)

fixed:

if (ext2 != "rb") or (digit2.to_i.to_s != **digit2**) or (short2.scan("_").count != 2)



Ivo_Valchev_11_6c8bd9.rb // bad style of programming

no quick fix available



Kalin_Marinov_14_12_bce70c.rb

original:

Kalin_Marinov_14_12_bce70c.rb

fixed:

Kalin_Marinov_12_bce70c.rb



Veselin_Dechev_11A2_5f1c22.rb // wrong file name

original:

Veselin_Dechev_11A2_5f1c22.rb

fixed:

Veselin_Dechev_2_5f1c22.rb



Tihomir_Lidanski_27_dafd44.rb // syntax error

original:

name = file.split("/")last.split(".")

fixed:

name = file.split('/').last.split(".')



Stanislav_Valkanov_25_4482c1.rb

The program is not working with fixtures different from First_Last_Digit.rb as its said in the task. The program is checked with other fixtures and thats why it gives undefined method.



Stanislav_Gospodinov_26_b36abb.rb

original:

CSV.open("results.csv", "w") do |csv|

fixed:

CSV.open("result.csv", "w") do |csv|



Simeon_Shopkin_23_56a835.rb

original:

Incorrect check for the names.

fixed:

Chance the check method.



Lubomir_Yankov_16_650c0b.rb

original:

output csv name: **results**.csv

fixed:

output csv name: **result**.csv



Marian_Belchev_17_ad26e0.rb

original:

output csv name: **results**.csv

fixed:

output csv name: **result**.csv



Radoslav_Kostadinov_22_772118.rb

original:



bad output.
fixed:
Need new check and output.

Momchil_Angelov_18_d8aa65.rb

original:

34: if !first_name || !last_name || digits==0
50: if !first_name2 || !last_name2 || digits2==0

fixed:

34:if !first_name || !last_name || digits==0
50: if !first_name2 || !last_name2 || digits2==0



Petko_Bozhinov_21_954dc6.rb

The program is not working with fixtures different from First_Last_Digit.rb as its said in the task. The program is checked with other fixtures and thats why it gives undefined method.



Nikola_Marinov_20_add57e.rb

No quick fix



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Stanislav_Iliev_26_627d43.rb

error:

Bad output. Incorrect script.

fixed:

No quick fix.



Iliyan_Germanov_17_f8b0d9.rb

error:

Bad output. In the CSV document.

fixed:

Nothing. Problem not found !



Stefan_Iliev_28_d77aee.rb

error:

Bad CSV file name "results.csv"

fixed:

*results.csv to **result.csv***



Nikolay_Mihailov_25_f70059.rb

error:

CSV file not found.

fixed:

No quick fix.



Borislav_Stratev_2_a65be5.rb

error:

*Bad CSV file name: **results.csv***

fixed:

results.csv** to **result.csv



David_Georgiev_12_1eea4f.rb

error:

Compile error: Undefined method 'length' for NIL class.

No such file "results.csv"

*Bad array definition (**students_names = []**) that allows NIL elements in the array.*

fixed:

students_names = Array.new()

No quick fix.



Valentin_Varbanov_4_041472.rb

error:

Compile error: undefined local variable or method `name' for

main:Object

fixed:

No quick fix.



Vladimir_Yordanov_9_4bbed0.rb

The program is not working with fixtures different from First_Last_Digit.rb as its said in the task. The program is checked with other fixtures and thats why it gives undefined method.

error:

bad csv file name "results.csv"

fixed:

it should be "result.csv"



Veselina_Kolova_8_65630e.rb

error:

../results/b/results/Veselina_Kolova_8_65630e.rb:23: syntax error,
unexpected tIDENTIFIER, expecting keyword_then or ';' or '\n'
...le.exname(text_file) text_file.include?(".rb") && text_file...

...

../results/b/results/Veselina_Kolova_8_65630e.rb:23: syntax error, unexpected
tCONSTANT, expecting keyword_end
...t(/. /.).first.to_i.is_a Integer then

...

../results/b/results/Veselina_Kolova_8_65630e.rb:31: syntax error, unexpected
keyword_end, expecting \$end

fixed:

No quick fix.



Thanks for watching!!