

## Learning from errors



# Fast Delivery

**Fast Delivery**

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Станислав Илиев № 26 / Stanislav Iliev № 26

**Error:** Deletes everything in “result.csv” by rewriting it.

Uses 4 arrays for doing nothing.

**Quick Solution:** No quick solution.

**Score:** 1/5

Илиан Германов № 17 / Iliyan Germanov № 17

**Error:** Wrong Expected Result.

**Quick Solution:** No need of any solution.

**Score:** 5/5

Стефан Илиев № 28 / Stefan Iliev № 28

**Error:** Line 56: Output file name is “results.csv” instead “result.csv”

**Quick Solution:** Changing “results.csv” to “result.csv”.

**Score:** 5/5

Николай Михайлов № 25 / Nikolay Mihailov № 25

**Error:** The program is not completed.

Line 26: “each\_char” is working on Ruby versions  $\geq 1.8.6$

**Quick Solution:** No quick solution.

**Score:** 3/5

Борислав Стратев № 2 / Borislav Stratev № 2

**Error:** Output file name is “results.csv” instead “result.csv”

The program doesn't match the condition.

The program compares the full file names instead only FirstName LastName

**Quick Solution:** No quick solution.

**Score:** 2/5

**Error:** The program doesn't match the condition.

**Quick Solution:**

**Replace:**

```
Dir.glob(ARGV[0]+"/**/*.rb")

=====

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

  student.each do |fn, ln|

    student1.each do |fn1, ln1|

      if fn != fn1

        if ln != ln1

          csv << ["#{fn1}", "#{ln1}"]

        end

      end

    end

  end

end

end
```

**With:**

```
Dir.glob(ARGV[0]+"/**/*.rb")

=====

student_diff = student1 - student

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

  student_diff.each do |fn, ln|

    csv << ["#{fn}", "#{ln}"]

  end

end

end
```

**Score:** 3/5

Давид Георгиев № 12 / David Georgiev № 12

**Error: Line 17:** The program returns 'nil'.

The program works only with files that are in the format  
FirstName\_LastName\_Digit.rb .

**Quick Solution:**

**Insert: Line 20**

```
next if (name[1] == nil)
```

**Score:** 5/5

Валентин Варбанов № 4 / Valentin Varbanov № 4

**Error:** Output file name is "results.csv" instead "result.csv"

```
Dir.glob(directory).each do |dir|  
  student = dir.split(/\//)  
  if i == 0  
    students_first_dir.push(student)  
  else  
    students_second_dir.push(student)  
  end  
end
```

**Quick Solution:** No quick solution.

**Score:** 1/5

Владимир Йорданов № 9 / Vladimir Yordanov № 9

**Error:** The program returns 'nil'.

Output file name is "results.csv" instead "result.csv".

**Quick Solution:**

**Insert: Line 26**

```
next if (second_name == nil)
```

**Score:** 5/5

**Error:** -

**Quick Solution:**

**Replace:**

```
Dir.glob("#{ARGV[0]}/**/*.*").each do |text_file|

  if File.extname(text_file) text_file.include?(".rb") && text_file.split(/_/).last.split(/\./).first.to_i.is_a Integer then

    if (text_file.split("/").last.split("_").length == 3) then

      text_file = text_file.split("/").last

      if (text_file.split("_")[1].length == 5) then

        people[text_file.split("_")[1]] = text_file.split("_")[0]

      end

    end

  end

end

end
```

**With:**

```
Dir.glob(ARGV[0] + "/*.*rb").each do |text_file|

  text_file = text_file.split("/").last.split(/_/)
  next if(text_file[1] == nil )
  if (text_file[1].length == 5) then
    people[text_file[0]] = text_file[1]
  end

end
```

**Score:** 1/5 // The source is hardly understandable.

**Error:** Output file name is “students.csv” instead “result.csv”.

A lot of other errors.

**Quick Solution:** No quick solution.

**Score:** 2/5

Мариан Белчев № 17 / Marian Belchev № 17

**Error:** Output file name is “results.csv” instead “result.csv”.

**Quick Solution:** No quick solution.

**Score:** 1/5 // The source is hardly understandable.

Ивелин Славчев № 10 / Ivelin Slavchev № 10

**Error: Line 33:** Uses “digit” instead “digit2”

**Quick Solution:** No quick solution.

**Score:** 3/5

Станислав Вълканов № 25 / Stanislav Valkanov № 25

**Error:** The program works only with files that are in the format FirstName\_LastName\_Digit.rb

**Line 29:** Bad sorting.

**Quick Solution:**

**Insert: Line 22:** *next if (last == nil)*

**Replace:**

*Hash[a.sort.reverse].each do |element|*

**With:**

*a.sort\_by{|key,val| key}.reverse.each do |element|*

**Score:** 3/5

Петко Божинов № 21 / Petko Bozhinov № 21

**Error:** Wrong numeric check method.

**Quick Solution:**

**Replace:**

```
class String
  def numeric?
    Float(self) != nil rescue false
  end
end
=====
if file[2].numeric?
```

**With:**

```
def numeric?(simbol)
  true if Integer(simbol) rescue false
end
=====
if numeric?(file[2])
```

**Score:** 3/5

Никола Маринов № 20 / Nikola Marinov № 20

**Errors:**

**Line 15:** “**require** 'csv'”

**Line 26:** name = file.split("/").last.split(".").**first\_split**("\_")

**Line 29-31:** array(**count**)

**Line 31:** array(count)[1]= full\_name.to\_s.**lenght**

**Quick Solution:** Not found.

**Score:** 1/5

Радослав Костадинов № 22 / Radoslav Kostadinov № 22

**Error:** Wrong name comparing.

**Quick Solution:** No quick solution.

**Score:** 3/5

Симеон Шопкин № 23 / Simeon Shopkin № 23

**Error:** Tries to split twice :

**Line 23:** *first\_files = first\_files.split("/").last.split(".").first.split("\_")*

**Line 26:** print\_count = first\_files.split("/").last.split(".").first

**Quick Solution:** No quick solution.

**Score:** 2/5

Иво Вълчев № 11 / Ivo Valchev № 11

**Error:**

**Line 23:** *if name[0] and name[1] and name[0].length == 5 and !isNum!=nil  
hash\_fold1.include?(name[0])*

**Quick Solution:**

**Replace :**

*if name[0] and name[1] and name[0].length == 5 and !isNum!=nil hash\_fold1.include?(name[0])*

=====

*if name[0] and name[1] and name[0].length == 5 and !isNum!=nil and!hash\_fold2.include?(name[0])*

**With:**

*if name[0].length == 5*

**Score:** 2/5

Кристина Пиронкова № 15 / Kristina Pironkova № 15

**Error:** Output file name is “results.csv” instead “result.csv”.

**Quick Solution:** “results.csv” to “result.csv”.

**Score:** 5/5

Димитър Несторов № 7 / Dimitar Nestorov № 7

**Error:**

**Line 42:** *array = array.sort\_by {|el| -el[1]}*

**Quick Solution:** No quick solution.

**Score:** 1/5

Любомир Янков № 16 / Lubomir Yankov № 16

**Error:** Output file name is “results.csv” instead “result.csv”.

Exports empty csv file.

**Line 31:**

*array = array.sort\_by {|el| el[0]}*

*P.S. The same line/error exists in Dimitar Nestorov's program*

**Quick Solution:** No quick solution.

**Score:** 3/5

Тихомир Лидански № 27 / Tihomir Lidanski № 27

**Error:** The program is incomplete.

**Quick Solution:** No quick solution.

**Score:** 1/5



**Error:** Works only for few formats.

Bad sorting.

**Quick Solution:**

**Replace**

```
Dir.glob("#{ ARGV[0] }/*") do |name|
  name = name.split("/").last
  short_name = name.split('_')[1]
  if short_name.length == 5
    hash[name] = short_name
  end
end

CSV.open("result.csv", "w") do |csv|
  hash = hash.sort_by { |key, value| value }.reverse
  hash.each |key| do
    csv << key
  end
end
```

**With:**

```
Dir.glob("#{ ARGV[0] }/*") do |name|
  name = name.split("/").last.split(/_/)
  short_name = name[1]
  next if(short_name == nil )
  if short_name.length == 5
    hash[name[0]] = short_name
  end
end

CSV.open("result.csv", "w") do |csv|
  hash.sort_by{|key,val| key}.reverse.each do |key|
    csv << key
  end
end
```

**Score:** 4/5

**Error:** Output file name is “results.csv” instead “result.csv”.

**Quick Solution:**

**Score:** 3/5

**Error:** Output file name is “results.csv” instead “result.csv”.

**Quick Solution:** “results.csv” to “result.csv”.

**Score:** 5/5

Момчил Ангелов № 18 / Momchil Angelov № 18

**Error:** If (condition) ==

Indentation.

**Quick Solution:** No quick solution.

**Score:** 1/5

Димитър Терзиев № 6 / Dimitar Terziev № 6

**Error:**

**Quick Solution:**

**Replace:**

```
if(file_str=~\A[a-zA-Z]+\_[a-zA-Z]+\_ \d+\.rb\z/ && file_str.split('_')[1].size == 5)
```

**With:**

```
if(file_str=~\A[a-zA-Z0-9]+\_[a-zA-Z0-9]+\_ \d+\.rb\z/ && file_str.split('_')[1].size == 5)
```

**Score:** 4/5