# Failing Examples

## File

a_wrong_assigned_project_number - Notepad

File  Edit  Format  View  Help

```
2
WebServer
Bob Anna
Logging
Anna
WebChat
Maria Bob
```

## Result

```
Enter the input file name:
a
Enter the output file name:
a_wrong_assigned_project_number
Error. The number of projects (2) written on the output file is not the same as the number of assigned projects (3)!
Wrong solution!
```

## File

a_assigned_project_does_not_exist - Notepad

File  Edit  Format  View  Help

```
3
WebServer
Bob Anna
NonExistingProjectName
Anna
WebChat
Maria Bob
```

## Result

```
Enter the input file name:
a
Enter the output file name:
a_assigned_project_does_not_exist
Error. Assigned project NonExistingProjectName does not exist!
Wrong solution!
```

## File

a_assigned_contributor_does_not_exist - Notepad

File  Edit  Format  View  Help

```
3
WebServer
Bob Anna
Logging
Anna
WebChat
Maria JohnDoesNotExist
```

## Result

```
Enter the input file name:
a
Enter the output file name:
a_assigned_contributor_does_not_exist
Error. Assigned contributor JohnDoesNotExist does not exist!
Wrong solution!
```

## File

a_assigned_project_does_not_have_contributors -

File  Edit  Format  View  Help

```
3
WebServer
Bob Anna
Logging
WebChat
Maria Bob
```

## Result

```
Enter the input file name:
a
Enter the output file name:
a_assigned_project_does_not_have_contributors
Error. Wrong or missing content in output file.
```

## File

a_assigned_project_does_not_have_contributors

File  Edit  Format  View  Help

```
3
WebServer
Bob Anna
Logging

WebChat
Maria Bob
```

## Result

```
Enter the input file name:
a
Enter the output file name:
a_assigned_project_does_not_have_contributors
Error. Assigned project Logging does not have contributors!
Wrong solution!
```

## File

a_contributor_works_in_more_then_one_role_in_a_...

File  Edit  Format  View  Help

```
3
WebServer
Bob Anna
Logging
Anna
WebChat
Maria Maria
```

## Result

```
Enter the input file name:
a
Enter the output file name:
a_contributor_works_in_more_then_one_role_in_a_project
Error. One of contributors in project WebChat is working in two positions!
Wrong solution!
```

File

a_project_has_the_wrong_number_of_contributors ...

File   Edit   Format   View   Help

```
3
WebServer
Bob Anna
Logging
Anna Bob
WebChat
Maria Bob
```

Result

```
Enter the input file name:
a
Enter the output file name:
a_project_has_the_wrong_number_of_contributors
Error. Project Logging has wrong number of contributors!
Wrong solution!
```
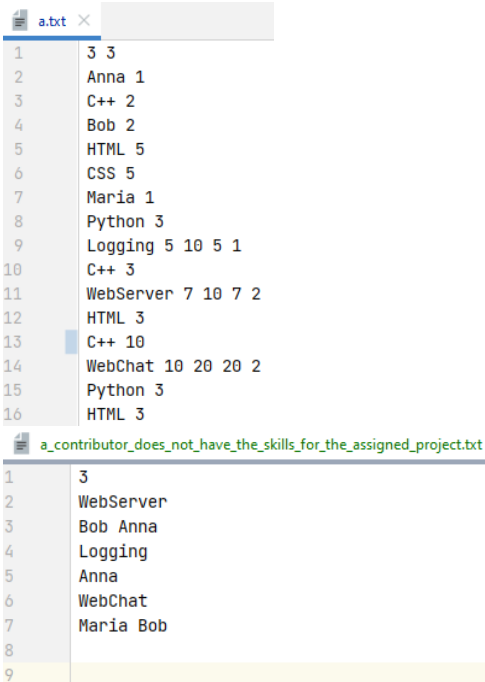
File

a.txt ✕

```
1      3 3
2      Anna 1
3      C++ 2
4      Bob 2
5      HTML 5
6      CSS 5
7      Maria 1
8      Python 3
9      Logging 5 10 5 1
10     C++ 3
11     WebServer 7 10 7 2
12     HTML 3
13     C++ 10
14     WebChat 10 20 20 2
15     Python 3
16     HTML 3
```

a_contributor_does_not_have_the_skills_for_the_assigned_project.txt

```
1      3
2      WebServer
3      Bob Anna
4      Logging
5      Anna
6      WebChat
7      Maria Bob
8
9
```

Result

```
Enter the input file name:
a
Enter the output file name:
a_contributor_does_not_have_the_skills_for_the_assigned_project
Error. Contributor does not have any skill for the project Logging
Wrong solution!
```

# Correct Examples

Examples from the output files takan from this repo:
https://github.com/sbrodehl/hashcode2022/tree/main/Qualification%20Round

```
Enter the input file name:
a
Enter the output file name:
output_1_a
Fitness score: 33
The solution is valid!


Enter the input file name:
b
Enter the output file name:
output_1_b
Fitness score: 800991
The solution is valid!


Enter the input file name:
c
Enter the output file name:
output_1_c
Fitness score: 156988
The solution is valid!


Enter the input file name:
d
Enter the output file name:
output_1_d
Fitness score: 173626
The solution is valid!


Enter the input file name:
e
Enter the output file name:
output_1_e
Fitness score: 1614315
The solution is valid!


Enter the input file name:
f
Enter the output file name:
output_1_f
Fitness score: 473399
The solution is valid!
```

Examples from the output files takan from this repo:
https://github.com/Darui99/hashcode2022/tree/master/submits

```
Enter the input file name:
b
Enter the output file name:
output_3_b
Fitness score: 743841
The solution is valid!
```

```
Enter the input file name:
c
Enter the output file name:
output_3_c
Fitness score: 171156
The solution is valid!
```

```
Enter the input file name:
d
Enter the output file name:
output_3_d
Fitness score: 133020
The solution is valid!
```

```
Enter the input file name:
e
Enter the output file name:
output_3_e
Fitness score: 1596245
The solution is valid!
```

```
Enter the input file name:
f
Enter the output file name:
output_3_f
Fitness score: 573219
The solution is valid!
```