← Project review - SQL1 Bootcamp. Day01

Type of project	Individual
Duration	30 min
Passed Peer Reviews	0/3

Git project

ssh://git@repos-ssh.21-school.ru:2289/students/SQL_beginner._Day01.ID_574087/breajac...

Copy link Open

Student

breajacq@student.21-school.ru level 8

About

Introduction

The methodology of School 21 makes sense only if peer-to-peer reviews are done seriously. Ple
ase read all guidelines carefully before starting the review.
- Please, stay courteous, polite, respectful and constructive in all communications during this r
eview.

- 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 s cope of features. Please, stay open-minded to the vision of the other.
- If you have not finished the project yet, it is compulsory to read the entire instruction before starting the review.

Guidelines

- Evaluate only the files that are in src folder on the GIT repository of the student or group.
- Ensure to start reviewing a group project only when the team is present in full.
- Use special flags in the checklist to report, for example, an “empty work” if repository does n ot contain the work of the student (or group) in the src folder of the develop branch, or “chea t” in case of cheating or if the student (or group) are unable to explain their work at any time d uring review as well as if one of the points below is not met. However, except for cheating case s, you are encouraged to continue reviewing the project to identify the problems that caused t he situation in order to avoid them at the next review.
- Doublecheck that the GIT repository is the one corresponding to the student or the group.
- Meticulously check that nothing malicious has been used to mislead you.
- In controversial cases, remember that the checklist determines only the general order of the check. The final decision on project evaluation remains with the reviewer.

Main part

Exercise 00

Checks for the file day01_ex00.sql
- The SQL script looks like below.

```
select id as object_id, pizza_name as object_name
from menu
union
select id, name
from person
order by 1,2;
```

- The result is below (row ordering for 1st column should be the same like on a screen below, b ut ordering for second column depends on system options)

```
"1"   "Anna"
"1"   "cheese pizza"
"2"   "Andrey"
"2"   "pepperoni pizza"
"3"   "Kate"
"3"   "sausage pizza"
"4"   "Denis"
"4"   "supreme pizza"
"5"   "cheese pizza"
"5"   "Elvira"
```

"6" "Irina"
"6" "pepperoni pizza"
"7" "Peter"
"7" "sausage pizza"
"8" "cheese pizza"
"8" "Nataly"
"9" "Dmitriy"
"9" "mushroom pizza"
"10" "cheese pizza"
"11" "supreme pizza"
"12" "cheese pizza"
"13" "mushroom pizza"
"14" "pepperoni pizza"
"15" "sausage pizza"
"16" "cheese pizza"
"17" "pepperoni pizza"
"18" "supreme pizza"

No Yes

Exercise 01

Checks for the file day01_ex01.sql
- The SQL script looks like below.

```
select t1.object_name
from (select pizza_name as object_name, 'menu' as label
   from menu
   union all
   select name, 'person' as label
   from person
   order by label desc, object_name) as t1
```

- The result is below (raw ordering should be the same like below)

"Andrey"
"Anna"
"Denis"
"Dmitriy"
"Elvira"
"Irina"
"Kate"
"Nataly"
"Peter"
"cheese pizza"
"cheese pizza"
"cheese pizza"
"cheese pizza"
"cheese pizza"
"cheese pizza"
"mushroom pizza"
"mushroom pizza"

"pepperoni pizza"
"pepperoni pizza"
"pepperoni pizza"
"pepperoni pizza"
"sausage pizza"
"sausage pizza"
"sausage pizza"
"supreme pizza"
"supreme pizza"
"supreme pizza"

No Yes

Exercise 02

Checks for the file day01_ex02.sql
- The SQL script looks like below.

```
select pizza_name from menu union select pizza_name from menu order by pizza_name desc
```

The result is below (raw ordering should be the same like below)

supreme pizza
sausage pizza
pepperoni pizza
mushroom pizza
cheese pizza

No Yes

Exercise 03

Checks for the file day01_ex03.sql
- The SQL script looks like below.

```
select order_date as action_date, person_id
from person_order
intersect all
select visit_date, person_id
from person_visits
order by 1 ,2 desc
```

- The result is below (row ordering should be the same like below)

"2022-01-01" "6"
"2022-01-01" "2"
"2022-01-01" "1"
"2022-01-03" "7"
"2022-01-04" "3"

```
"2022-01-05"  "7"
"2022-01-06"  "8"
"2022-01-07"  "8"
"2022-01-07"  "4"
"2022-01-08"  "4"
"2022-01-09"  "9"
"2022-01-09"  "5"
"2022-01-10"  "9"
```

No Yes

Exercise 04

Checks for the file day01_ex04.sql
- The SQL script looks like below.

```
select person_id
from person_order
where order_date = '2022-01-07'
except all
select person_id
from person_visits
where visit_date = '2022-01-07'
```

- The result is below (raw ordering should be the same like below)

```
"4"
"4"
```

No Yes

Exercise 05

Checks for the file day00_ex05.sql
- The SQL script looks like below.

```
select *
from person cross join pizzeria
order by person.id, pizzeria.id
```

- The result is below (raw ordering should be the same like below)

```
"1"  "Anna"   "16"  "female" "Moscow"  "1"  "Pizza Hut"   "4.6"
"1"  "Anna"   "16"  "female" "Moscow"  "2"  "Dominos"     "4.3"
"1"  "Anna"   "16"  "female" "Moscow"  "3"  "DoDo Pizza"  "3.2"
"1"  "Anna"   "16"  "female" "Moscow"  "4"  "Papa Johns"  "4.9"
"1"  "Anna"   "16"  "female" "Moscow"  "5"  "Best Pizza"  "2.3"
"1"  "Anna"   "16"  "female" "Moscow"  "6"  "DinoPizza"   "4.2"
"2"  "Andrey" "21"  "male"   "Moscow"  "1"  "Pizza Hut"   "4.6"
```

```
"2"  "Andrey" "21"    "male"   "Moscow"          "2" "Dominos"    "4.3"
"2"  "Andrey" "21"    "male"   "Moscow"          "3" "DoDo Pizza" "3.2"
"2"  "Andrey" "21"    "male"   "Moscow"          "4" "Papa Johns" "4.9"
"2"  "Andrey" "21"    "male"   "Moscow"          "5" "Best Pizza" "2.3"
"2"  "Andrey" "21"    "male"   "Moscow"          "6" "DinoPizza"  "4.2"
"3"  "Kate"   "33"    "female" "Kazan"  "1" "Pizza Hut"   "4.6"
"3"  "Kate"   "33"    "female" "Kazan"  "2" "Dominos"    "4.3"
"3"  "Kate"   "33"    "female" "Kazan"  "3" "DoDo Pizza" "3.2"
"3"  "Kate"   "33"    "female" "Kazan"  "4" "Papa Johns" "4.9"
"3"  "Kate"   "33"    "female" "Kazan"  "5" "Best Pizza" "2.3"
"3"  "Kate"   "33"    "female" "Kazan"  "6" "DinoPizza"  "4.2"
"4"  "Denis"  "13"    "male"   "Kazan"  "1" "Pizza Hut"   "4.6"
"4"  "Denis"  "13"    "male"   "Kazan"  "2" "Dominos"    "4.3"
"4"  "Denis"  "13"    "male"   "Kazan"  "3" "DoDo Pizza" "3.2"
"4"  "Denis"  "13"    "male"   "Kazan"  "4" "Papa Johns" "4.9"
"4"  "Denis"  "13"    "male"   "Kazan"  "5" "Best Pizza" "2.3"
"4"  "Denis"  "13"    "male"   "Kazan"  "6" "DinoPizza"  "4.2"
"5"  "Elvira" "45"    "female" "Kazan"  "1" "Pizza Hut"   "4.6"
"5"  "Elvira" "45"    "female" "Kazan"  "2" "Dominos"    "4.3"
"5"  "Elvira" "45"    "female" "Kazan"  "3" "DoDo Pizza" "3.2"
"5"  "Elvira" "45"    "female" "Kazan"  "4" "Papa Johns" "4.9"
"5"  "Elvira" "45"    "female" "Kazan"  "5" "Best Pizza" "2.3"
"5"  "Elvira" "45"    "female" "Kazan"  "6" "DinoPizza"  "4.2"
"6"  "Irina"  "21"    "female" "Saint-Petersburg"    "1" "Pizza Hut"   "4.6"
"6"  "Irina"  "21"    "female" "Saint-Petersburg"    "2" "Dominos"    "4.3"
"6"  "Irina"  "21"    "female" "Saint-Petersburg"    "3" "DoDo Pizza" "3.2"
"6"  "Irina"  "21"    "female" "Saint-Petersburg"    "4" "Papa Johns" "4.9"
"6"  "Irina"  "21"    "female" "Saint-Petersburg"    "5" "Best Pizza" "2.3"
"6"  "Irina"  "21"    "female" "Saint-Petersburg"    "6" "DinoPizza"  "4.2"
"7"  "Peter"  "24"    "male"   "Saint-Petersburg"    "1" "Pizza Hut"   "4.6"
"7"  "Peter"  "24"    "male"   "Saint-Petersburg"    "2" "Dominos"    "4.3"
"7"  "Peter"  "24"    "male"   "Saint-Petersburg"    "3" "DoDo Pizza" "3.2"
"7"  "Peter"  "24"    "male"   "Saint-Petersburg"    "4" "Papa Johns" "4.9"
"7"  "Peter"  "24"    "male"   "Saint-Petersburg"    "5" "Best Pizza" "2.3"
"7"  "Peter"  "24"    "male"   "Saint-Petersburg"    "6" "DinoPizza"  "4.2"
"8"  "Nataly" "30"    "female" "Novosibirsk" "1" "Pizza Hut"   "4.6"
"8"  "Nataly" "30"    "female" "Novosibirsk" "2" "Dominos"    "4.3"
"8"  "Nataly" "30"    "female" "Novosibirsk" "3" "DoDo Pizza" "3.2"
"8"  "Nataly" "30"    "female" "Novosibirsk" "4" "Papa Johns" "4.9"
"8"  "Nataly" "30"    "female" "Novosibirsk" "5" "Best Pizza" "2.3"
"8"  "Nataly" "30"    "female" "Novosibirsk" "6" "DinoPizza"  "4.2"
"9"  "Dmitriy"    "18"    "male"   "Samara"    "1" "Pizza Hut"   "4.6"
"9"  "Dmitriy"    "18"    "male"   "Samara"    "2" "Dominos"    "4.3"
"9"  "Dmitriy"    "18"    "male"   "Samara"    "3" "DoDo Pizza" "3.2"
"9"  "Dmitriy"    "18"    "male"   "Samara"    "4" "Papa Johns" "4.9"
"9"  "Dmitriy"    "18"    "male"   "Samara"    "5" "Best Pizza" "2.3"
"9"  "Dmitriy"    "18"    "male"   "Samara"    "6" "DinoPizza"  "4.2"
```

No

Yes

Exercise 06

Checks for the file day01_ex06.sql
- The SQL script looks like below.

```
select action_date, person.name
from (
select order_date as action_date, person_id
from person_order
intersect all
select visit_date, person_id
from person_visits) as t1
inner join person on t1.person_id = person.id
order by 1 ,2 desc
```

- The result is below (raw ordering should be the same like below)

```
"2022-01-01"  "Irina"
"2022-01-01"  "Anna"
"2022-01-01"  "Andrey"
"2022-01-03"  "Peter"
"2022-01-04"  "Kate"
"2022-01-05"  "Peter"
"2022-01-06"  "Nataly"
"2022-01-07"  "Nataly"
"2022-01-07"  "Denis"
"2022-01-08"  "Denis"
"2022-01-09"  "Elvira"
"2022-01-09"  "Dmitriy"
"2022-01-10"  "Dmitriy"
```

No Yes

Exercise 07

Checks for the file day01_ex07.sql
- The SQL script looks like below.

```
select order_date,
      name || ' (age:'||age||')' as person_information
from person_order inner join person p on p.id = person_order.person_id
order by 1,2
```

- The result is below (raw ordering should be the same like below)

```
2022-01-01      Andrey (age:21)
2022-01-01      Andrey (age:21)
2022-01-01      Anna (age:16)
2022-01-05      Peter (age:24)
2022-01-05      Peter (age:24)
```

2022-01-06 Nataly (age:30)
2022-01-07 Denis (age:13)
2022-01-07 Denis (age:13)
2022-01-07 Denis (age:13)
2022-01-07 Nataly (age:30)
2022-01-08 Denis (age:13)
2022-01-08 Denis (age:13)
2022-01-09 Dmitriy (age:18)
2022-01-09 Elvira (age:45)
2022-01-09 Elvira (age:45)
2022-01-10 Dmitriy (age:18)

No Yes

Exercise 08

Checks for the file day01_ex08.sql
- The SQL script looks like below.

```
select order_date,
   name || ' (age:'||age||')' as person_information
from person_order natural join (select p.id as person_id,name, age from person p ) as p
order by 1,2
```

- The result is below (raw ordering should be the same like below)

2022-01-01 Andrey (age:21)
2022-01-01 Andrey (age:21)
2022-01-01 Anna (age:16)
2022-01-01 Anna (age:16)
2022-01-01 Irina (age:21)
2022-01-03 Peter (age:24)
2022-01-04 Kate (age:33)
2022-01-05 Peter (age:24)
2022-01-05 Peter (age:24)
2022-01-06 Nataly (age:30)
2022-01-07 Denis (age:13)
2022-01-07 Denis (age:13)
2022-01-07 Denis (age:13)
2022-01-07 Nataly (age:30)
2022-01-08 Denis (age:13)
2022-01-08 Denis (age:13)
2022-01-09 Dmitriy (age:18)
2022-01-09 Elvira (age:45)
2022-01-09 Elvira (age:45)
2022-01-10 Dmitriy (age:18)

No ✓ Yes

Exercise 09

Checks for the file day01_ex09.sql
- The SQL script looks like below.

```
select name
from pizzeria
where id not in (select pizzeria_id from person_visits)
```

- The result is below (raw ordering should be the same like below)

```
"DoDo Pizza"
```

- The SQL script looks like below.

```
select name
from pizzeria
where not exists (select 1 from person_visits pv where pv.pizzeria_id = pizzeria.id)
```

- The result is below (raw ordering should be the same like below)

```
"DoDo Pizza"
```

No ✓ Yes

Exercise 10

Checks for the file day01_ex10.sql
- The SQL script looks like below.

```
select p.name as person_name,
   m.pizza_name as pizza_name,
   pz.name as pizzeria_name
from person_order po inner join person p on p.id = po.person_id
inner join menu m on m.id = po.menu_id
inner join pizzeria pz on m.pizzeria_id = pz.id
order by 1,2,3
```

- The result is below (raw ordering should be the same like below)

```
"Andrey"  "cheese pizza"     "Dominos"
"Andrey"  "mushroom pizza"  "Dominos"
"Anna"    "cheese pizza"     "Pizza Hut"
"Anna"    "pepperoni pizza"  "Pizza Hut"
"Denis"   "cheese pizza"     "Best Pizza"
"Denis"   "pepperoni pizza"  "Best Pizza"
"Denis"   "pepperoni pizza"  "DinoPizza"
"Denis"   "sausage pizza"    "DinoPizza"
"Denis"   "supreme pizza"    "Best Pizza"
"Dmitriy" "pepperoni pizza"  "DinoPizza"
"Dmitriy" "supreme pizza"    "Best Pizza"
```

```
"Elvira"   "pepperoni pizza"  "DinoPizza"
"Elvira"   "sausage pizza"    "DinoPizza"
"Irina"    "mushroom pizza"   "Papa Johns"
"Kate"     "cheese pizza"     "Best Pizza"
"Nataly"   "cheese pizza"     "Dominos"
"Nataly"   "pepperoni pizza"  "Papa Johns"
"Peter"    "mushroom pizza"   "Dominos"
"Peter"    "sausage pizza"    "Pizza Hut"
"Peter"    "supreme pizza"    "Pizza Hut"
```

No | ✓ Yes

Feedback

Fails

Forbidden functions | Empty work | Cheat

Comment

Leave a comment...

✓ Review