


```
use shop;
          select * from users;
 )4
          update users set created_at = null, updated_at = null;
Ð
          update users set created_at = now(), updated_at = now();
Ę
          alter table users modify column created_at varchar(255);
Ħ
          alter table users modify column updated_at varchar(255);
          desc users;
🗎 columns 1 🖂
«T desc users 💆 Введите SQL выражение чтобы отфильтровать результаты
                                                         явс Кеу
           🖓 🛚 🗬 ABC Field
                         ABC Type
                                          ABC Null
                                                                       ABC Default
                                                                                        ABC Extra
Таблица
                         bigint unsigned
                                          NO
                                                         PRI
                                                                                        auto_increment
                                                                       [NULL]
          name
                         varchar(255)
                                          YES
    3
                                          YES
          birthday_at
                         date
    4
          created_at
                         varchar(255)
                                          YES
                                                                       [NULL]
Текст
    5
          updated_at
                         varchar(255)
                                           YES
 atter table users modify column updated_at varchar(255);
desc users;
update users set created at = '20.10.2017 8:10', updated at = '20.10.2017 8:10';
о⊤ select * from users | 💆 Введите SQL выражение чтобы отфильтровать результаты
                      ABC name TI
                                                                               updated_at \(\bigg\)?
          123 id
                                      birthday_at \(\bigc\)\(\bigcap\)\
                                                           created_at \(\bigc\)\(\big\)
Таблица
                                                              20.10.2017 8:10
                                                                                   20.10.2017 8:10
                                              1990-10-05
    1
                      Геннадий
                                                              20.10.2017 8:10
                                                                                   20.10.2017 8:10
                                              1984-11-12
                  2 Наталья
    2
İ
    3
                      Александр
                                              1985-05-20
                                                              20.10.2017 8:10
                                                                                   20.10.2017 8:10
    4
                      Сергей
                                              1988-02-14
                                                              20.10.2017 8:10
                                                                                   20.10.2017 8:10
Tekct
    5
                                                              20.10.2017 8:10
                                                                                   20.10.2017 8:10
                      Иван
                                              1998-01-12
                      Мария
                                              1992-08-29
                                                              20.10.2017 8:10
                                                                                   20.10.2017 8:10
  select str_to_date(created_at , "%d.%m.%Y %k:%i") from users;
update users set created_at = str_to_date(created_at , "%d.%m.%Y %k:%i"), updated_at = str_to_date(updated_at , "%d.%m.%Y %k:%i");
 users 1 🔀
 «T select * from users | Введите SQL выражение чтобы отфильтровать результаты
            23 id
                       ABC name 🏋 🗓
                                       birthday_at \(\bigve{\pi}\)_\(\bigve{\pi}\)
                                                            created_at
                                                                                 updated_at \(\frac{1}{3}\)
 Таблица
                                               1990-10-05
                                                           2017-10-20 08:10:00
                                                                                 2017-10-20 08:10:00
                      Геннадий
     2
                                               1984-11-12 2017-10-20 08:10:00
                                                                                2017-10-20 08:10:00
                      Наталья
     3
                       Александр
                                               1985-05-20 2017-10-20 08:10:00 2017-10-20 08:10:00
                       Сергей
                                               1988-02-14 2017-10-20 08:10:00
                                                                                2017-10-20 08:10:00
     4
 Tekct
    5
                                               1998-01-12 2017-10-20 08:10:00 2017-10-20 08:10:00
                   5
                       Иван
```

6

Мария

1992-08-29 | 2017-10-20 08:10:00 | 2017-10-20 08:10:00

```
select * from storehouses_products;
desc storehouses_products;
insert into storehouses_products;
insert into storehouses_products (storehouse_id, product_id, value) values (floor(1 + rand() * 3), floor(1 + rand() * 100),floor(1 + rand() * 100));
insert into storehouses_products (storehouse_id, product_id, value) values (floor(1 + rand() * 3), floor(1 + rand() * 100),0);
storehouses_products 1 🖂 📗
«T select * from storehouses_products | 🚜 Введите SQL выражение чтобы отфильтровать результаты
                          123 storehouse_id 🏋 🕻
                                                                                               created_at \(\frac{1}{2}\)
             123 id
                                                     123 product_id T1
                                                                             123 value 📆 🕻
                                                                                                                       updated_at \(\frac{1}{2}\)
    1
                                                 3
                                                                        19
                                                                                               2021-07-13 23:07:47
                                                                                                                       2021-07-13 23:07:47
                                                 2
     2
                      2
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                                                                                                                       2021-07-13 23:07:52
                                                                                              2021-07-13 23:07:52
İ
     3
                      3
                                                 2
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                                                                                              2021-07-13 23:07:53 2021-07-13 23:07:53
                                                 3
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                      4
                                                                        48
                                                                                           5
                                                                                              2021-07-13 23:07:53 | 2021-07-13 23:07:53
Текст
    5
                      5
                                                 3
                                                                        88
                                                                                               2021-07-13 23:07:53
                                                                                                                       2021-07-13 23:07:53
                                                                                         97
Ê
                      6
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                                                                                              2021-07-13 23:07:53
                                                                                                                       2021-07-13 23:07:53
    6
                                                 1
     7
                                                                        46
                                                                                         96 2021-07-13 23:07:54 2021-07-13 23:07:54
                      7
                                                 3
     8
                      8
                                                 2
                                                                                          83 2021-07-13 23:07:54 2021-07-13 23:07:54
                                                                        22
     9
                      9
                                                 2
                                                                        99
                                                                                         44 2021-07-13 23:07:55
                                                                                                                       2021-07-13 23:07:55
                     10
                                                 1
                                                                        80
                                                                                          34 2021-07-13 23:07:56 2021-07-13 23:07:56
     10
                                                                                          26 2021-07-13 23:07:56 2021-07-13 23:07:56
     11
                     11
                                                                        43
                                                                        28
                     12
                                                 1
                                                                                              2021-07-13 23:07:57 | 2021-07-13 23:07:57
     12
                                                 3
                                                                        88
                                                                                          0 2021-07-13 23:08:34
                                                                                                                       2021-07-13 23:08:34
     13
                     13
     14
                     14
                                                 2
                                                                        39
                                                                                           0 2021-07-13 23:08:35 2021-07-13 23:08:35
                                                 3
                                                                                           0 2021-07-13 23:08:36 2021-07-13 23:08:36
     15
                     15
                                                                        46
```

select id, value from storehouses_products order by case when value = 0 then 1 else 0 end, value;

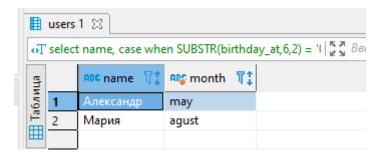
			1	1	
ща		12g id 🏋 🕽	123 value	T:	
«∏ Текст Ш Таблица	1	4		5	
	2	2		12	
	3	11		26	
	4	10		34	
	5	12		37	
	6	9		44	
	7	3		47	
	8	1		62	
	9	6		80	
	10	8		83	
	11	7		96	
	12	5		97	
	13	13		0	
	14	14		0	
	15	15		0	

```
select name, birthday_at from users where SUBSTR(birthday_at,6,2) = '05' or SUBSTR(birthday_at,6,2) = '08';

Select name, case when SUBSTR(birthday_at,6,2) = '05' then 'may'

when SUBSTR(birthday_at,6,2) = '08' then 'agust' end as month

from users where SUBSTR(birthday_at,6,2) in ('05','08');
```

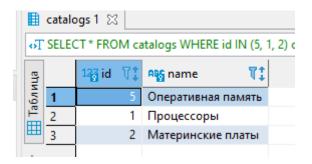


```
SELECT * FROM catalogs WHERE id IN (5, 1, 2);

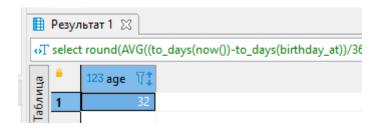
SELECT * FROM catalogs WHERE id IN (5, 1, 2) order by case when id=5 then 1

when id =1 then 2

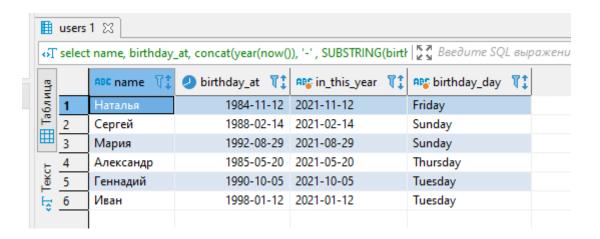
when id = 2 then 3 end;
```




```
select * from users;
select to_days(now());
select round(AVG((to_days(now())-to_days(birthday_at))/365.25),0) as age from users;
```



■	■ Результат 1 🖂							
φT	ஏT select dayname(concat(year(now()), '_', SUBSTRING(birthday_at,6, ' க் அ Bse∂ume SQL se							
Г	<u>a</u>	ABC birthday_day 🏋 🕻	123 days_number					
Таблица	1	Tuesday	2					
	2	Sunday	2					
	3	Friday	1					
ь	4	Thursday	1					
eKCT								



select exp(SUM(log(value))) from storehouses_products sp ;

