

завдання 4.1

```
4
5
6
7 • USE company;
8
9 • SELECT
10 *
11 FROM
12 employee;
13
14
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell

	first_name	last_name	position	employment_date	department_id	manager_id	ra
▶	Adam	Mazurenko	Assistant Consultant	2016-11-19	4	12	40
	Alina	Hrytsenko	Manager	2016-10-04	2	1	70
	Alina	Osadchuk	Assistant Consultant	2014-01-05	NULL	14	40
	Antonina	Vlasyuk	Seller	2016-03-08	1	9	35
	Anton	Vdovychenko	Seller	2004-07-28	5	13	35
	Artur	Zayika	Manager	1999-07-20	NULL	1	70
	Denys	Kobzar	Seller	2016-10-17	NULL	14	35
	Denys	Petrenko	Seller	2010-05-19	2	10	35
	Halyna	Shirman	Assistant Consultant	2018-09-02	3	11	40
	Hanna	Dudnyk	Consultant	2000-11-11	3	11	45
	Ilona	Taranenko	Marketing Specialist	2002-02-09	4	1	50

Result Grid
Form Editor
Field Types

employee 18 x Apply Revert

Завдання 4.2

```
7 • USE company;
8 • SELECT employee_id,
9         first_name,
10        last_name,
11        position
12 FROM
```

Result Grid | | Filter Rows: | Edit: | Export/Import

	employee_id	first_name	last_name	position
▶	1	Lyubomyr	Martynenko	CEO
	2	Lina	Sirenko	Financial Analytic
	3	Oksana	Zayika	Accountant
	4	Yaroslav	Tymchuk	Human Resources
	5	Hanna	Tarasyuk	Marketing Specialist
	6	Marharyta	Dyachuk	Administrative assistant
	7	Serhij	Hlavatskykh	Service Assistant
	8	Mykola	Blyznyuk	Service Assistant
	9	Vladyslav	Kryvonis	Manager
	10	Alina	Hrytsenko	Manager
	11	Mvroslav	Stepanova	Manager

employee 2 Apply Reverse



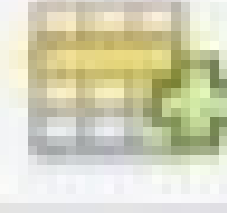

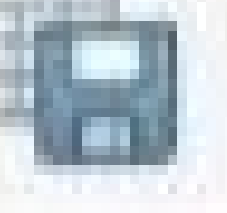
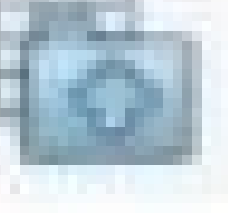
Output

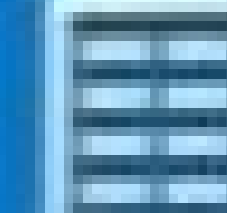


Action Output

	#	Time	Action	Message
✓	1	17:26:05	USE company	0 row(s) affected
✓	2	17:26:05	SELECT * FROM employee LIMIT 0, 1000	50 row(s) returned
✓	3	17:31:36	USE company	0 row(s) affected
✓	4	17:31:36	SELECT employee_id, first_name, last_nam...	50 row(s) returned

Завдання 4.3

```
7 • USE company;  
8 • SELECT  
9   employee_id,  
10  first_name,  
11  last_name,  
12  position  
13  FROM  
14  employee  
15  LIMIT 7;  
16  
17
```

Result Grid  Filter Rows: <input type="text"/> Edit:    Export/Import:   Wrap Cell				
	employee_id	first_name	last_name	position
▶	1	Lyubomyr	Martynenko	CEO
	2	Lina	Sirenko	Financial Analytic
	3	Oksana	Zayika	Accountant
	4	Yaroslav	Tymchuk	Human Resources
	5	Hanna	Tarasyuk	Marketing Specialist
	6	Marharyta	Dyachuk	Administrative assistant
	7	Serhij	Hlavatskykh	Service Assistant
•	NULL	NULL	NULL	NULL

 Result Grid
 Form Editor
 Field Types
↑
↓

Apply | Revert

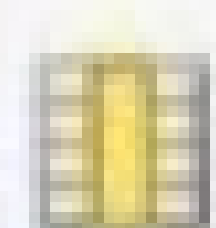
Завдання 4.4

```

7 • USE company;
8 • SELECT DISTINCT
9     position
10  FROM
11     employee;
12

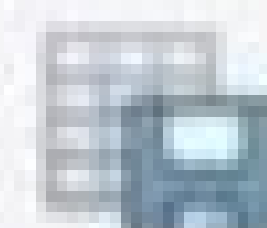
```

Result Grid



Filter Rows:

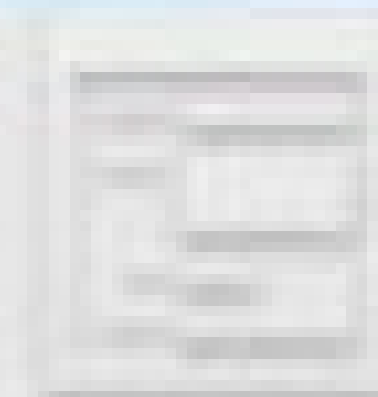
Export:



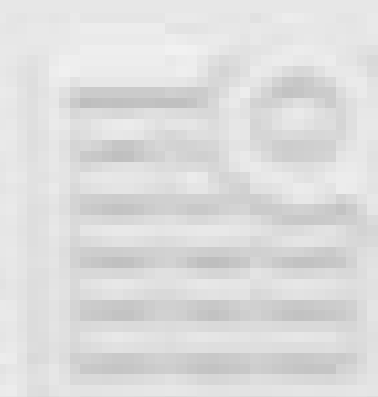
Wrap Cell Content:



Result
Grid



Form
Editor



Field
Types

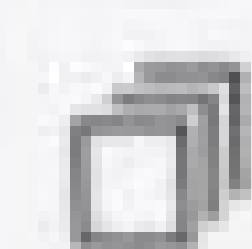


employee 3 x

Read Only

Context

Output



Action Output



	#	Time	Action	Message
✓	2	17:26:05	SELECT * FROM employee LIMIT 0, 1000	50 row(s) returned
✓	3	17:31:36	USE company	0 row(s) affected
✓	4	17:31:36	SELECT employee_id, first_name, last_na...	50 row(s) returned
✓	5	17:34:05	USE company	0 row(s) affected
✓	6	17:34:05	SELECT DISTINCT position FROM empl...	13 row(s) returned

6

7 ● `USE company;`

8 ● `SELECT DISTINCT`

9 `position`

10 `FROM`

11 `employee`

12 `ORDER By`

13 `position ASC;`

14

Завдання 4.5

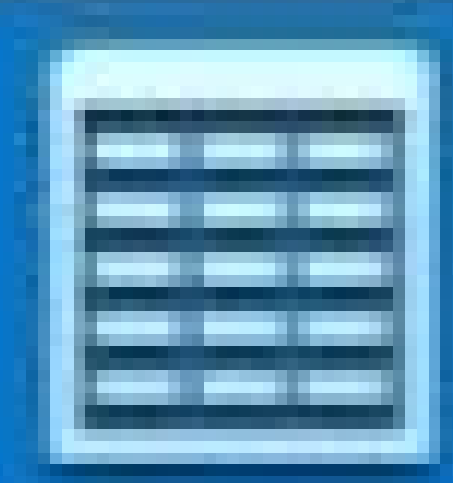
Result Grid

Filter Rows:

Export:

Wrap Cell Content:

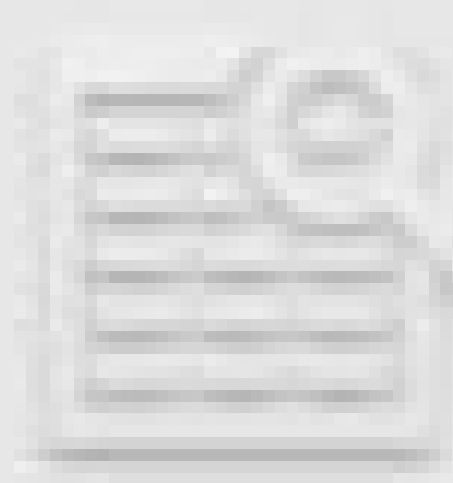
	position
▶	Accountant
	Administrative assistant
	Assistant Consultant
	CEO
	Consultant
	Financial Analitic
	Human Resources
	Manager
	Manager Assistant
	Marketing Specialist
	Seller



Result Grid



Form Editor



Field Types

employee 4

×

Read Only

Output

Action Output

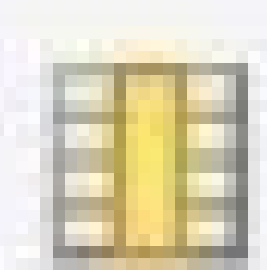
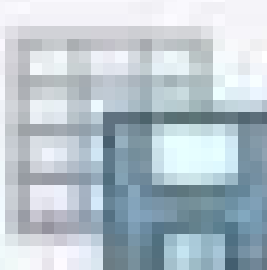
▼

	#	Time	Action	Message
✓	4	17:31:36	SELECT employee_id, first_name, last_na...	50 row(s) returned
✓	5	17:34:05	USE company	0 row(s) affected
✓	6	17:34:05	SELECT DISTINCT position FROM empl...	13 row(s) returned
✓	7	17:36:29	USE company	0 row(s) affected
✓	8	17:36:29	SELECT DISTINCT position FROM empl...	13 row(s) returned

Завдання 4.5(2)

```

6
7 • USE company;
8 • SELECT DISTINCT
9     position
10    FROM
11     employee
12    ORDER By
13     position DESC;
14
    
```

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content

	position
▶	Service Assistant
	Senior Consultant
	Seller
	Marketing Specialist
	Manager Assistant
	Manager
	Human Resources
	Financial Analitic
	Consultant
	CEO
	Assistant Consultant

employee 5 x

 Read Only

Output

 Action Output ▼

	#	Time	Action	Message
✓	6	17:34:05	SELECT DISTINCT position FROM empl...	13 row(s) returned
✓	7	17:36:29	USE company	0 row(s) affected
✓	8	17:36:29	SELECT DISTINCT position FROM empl...	13 row(s) returned
✓	9	17:36:58	USE company	0 row(s) affected
✓	10	17:36:58	SELECT DISTINCT position FROM empl...	13 row(s) returned

```

12 position,
13 employment_date
14 FROM
15     employee
16 WHERE
17     position = 'Seller'
18 ORDER By
19     employment_date ASC;
20

```

Завдання 4.6

Result Grid

Filter Rows:

Edit:

Export/Import

	employee_id	last_name	first_name	position	employment_date
	42	Vdovychenko	Anton	Seller	2004-07-28
	36	Medvid	Nadiya	Seller	2007-03-07
	24	Serporiz	Yuliya	Seller	2008-07-20
	31	Petrenko	Denys	Seller	2010-05-19
	30	Nazarenko	Henadij	Seller	2013-05-26
	46	Buryak	Vladyslava	Seller	2016-01-08
	23	Vlasyuk	Antonina	Seller	2016-03-08
	50	Kobzar	Denys	Seller	2016-10-17
	29	Fesenko	Ivan	Seller	2017-10-06
•	NULL	NULL	NULL	NULL	NULL

employee 6

×

Apply

Output

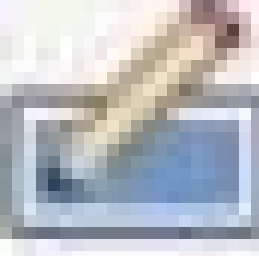
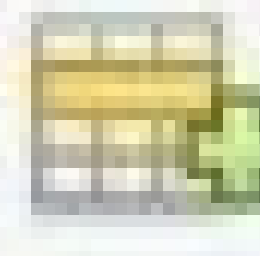
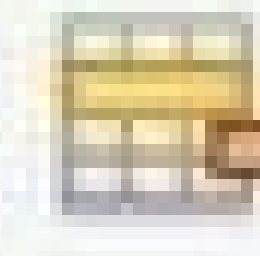

Action Output

▼

	#	Time	Action	Message
✓	8	17:36:29	SELECT DISTINCT position FROM empl...	13 row(s) returned
✓	9	17:36:58	USE company	0 row(s) affected
✓	10	17:36:58	SELECT DISTINCT position FROM empl...	13 row(s) returned
✓	11	17:40:11	USE company	0 row(s) affected
✓	12	17:40:11	SELECT employee_id, last_name, first_name, po...	11 row(s) returned


Завдання 4.7

```
11 first_name,  
12 position,  
13 employment_date  
14 FROM  
15     employee  
16 WHERE  
17     (position = 'Seller'  
18 OR  
19 position = 'Consultant')  
20 AND  
21 employment_date > '2013-01-01'  
22 ORDER By  
23     employment_date DESC;  
24  
25
```

Result Grid					
Filter Rows: <input type="text"/>					
Edit:   					
Export/Import 					
	employee_id	last_name	first_name	position	employment_date
▶	21	Demchuk	Viktor	Consultant	2018-05-14
	29	Fesenko	Ivan	Seller	2017-10-06
	48	Savenko	Nadiya	Consultant	2017-09-13
	50	Kobzar	Denys	Seller	2016-10-17
	23	Vlasyuk	Antonina	Seller	2016-03-08
	46	Buryak	Vladyslava	Seller	2016-01-08

Result Grid

Form Editor

employee 7 

Apply

Revert

Output

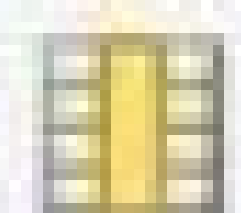
Action Output

	#	Time	Action	Message
✓	10	17:36:58	SELECT DISTINCT position FROM empl...	13 row(s) returned
✓	11	17:40:11	USE company	0 row(s) affected
✓	12	17:40:11	SELECT employee_id, last_name, first_name, po...	11 row(s) returned

Завдання 4.8

```
9      employee_id,  
10     last_name,  
11     first_name,  
12     position,  
13     employment_date  
14 FROM  
15     employee  
16 WHERE  
17     (position LIKE 'Seller'  
18 OR  
19     position IN ('Senior Consultant', 'Consultant'))  
20 AND  
21     employment_date > '2013-01-01'  
22 ORDER By  
23     employment_date DESC;
```

Result Grid

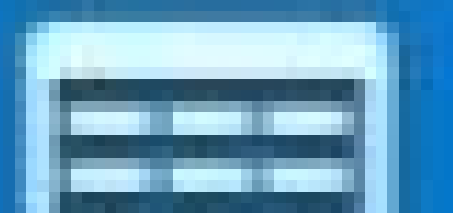


Filter Rows:

Edit:



Export/Import

Result
GridForm
Editor

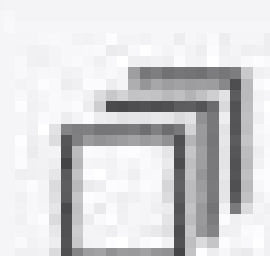
	employee_id	last_name	first_name	position	employment_date
▶	21	Demchuk	Viktor	Consultant	2018-05-14
	29	Fesenko	Ivan	Seller	2017-10-06
	48	Savenko	Nadiya	Consultant	2017-09-13
	50	Kobzar	Denys	Seller	2016-10-17
	23	Vlasyuk	Antonina	Seller	2016-03-08
	46	Buryak	Vladyslava	Seller	2016-01-08

employee 8 x

Apply

Revert

Output



Action Output

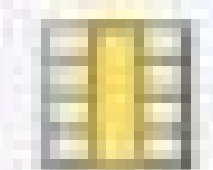


	#	Time	Action	Message
✓	14	17:43:56	SELECT employee_id, last_name, first_name, po...	7 row(s) returned
✓	15	17:46:51	USE company	0 row(s) affected
✓	16	17:46:51	SELECT employee_id, last_name, first_name, po...	8 row(s) returned

Завдання 4.8(2)

```
14 FROM
15 employee
16 WHERE
17 ( position LIKE 'S____'
18 OR
19 ( position LIKE '%Consultant'
20 AND
21 position NOT LIKE 'A%'
22 ))
23 AND
24 employment_date > '2013-01-01'
25 ORDER By
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



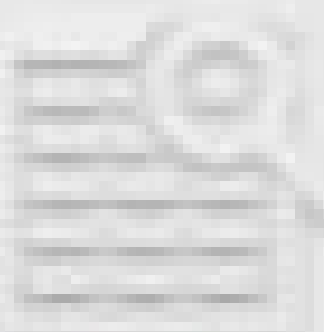
	first_name	last_name	employment_date
▶	Lidiya	Zayika	Senior Consultant
	Antonina	Vlasyuk	Seller
	Ivan	Fesenko	Seller
	Henadij	Nazarenko	Seller
	Vladyslava	Buryak	Seller
	Denys	Kobzar	Seller
	Viktor	Demchuk	Consultant
	Nadiya	Savenko	Consultant



Result
Grid



Form
Editor



Field
Types



Read Only

employee 20

Output

Завдання 4.9

```

11 first_name,
12 position,
13 manager_id,
14 department_id
15 FROM
16 employee
17 WHERE
18 manager_id IS NULL
19 OR
20 department_id IS NOT NULL
21 ORDER By
22 manager_id ASC;

```

Result Grid						
Filter Rows: <input type="text"/>						
Edit: <input type="text"/>						
Export/Import: <input type="text"/>						
Wrap Cell						
	employee_id	last_name	first_name	position	manager_id	department_id
▶	1	Martynenko	Lyubomyr	CEO	NULL	1
	2	Sirenko	Lina	Financial Analitic	1	1
	13	Khomenko	Oksana	Manager	1	5
	12	Getman	Pylyp	Manager	1	4
	11	Stepanova	Myroslav	Manager	1	3
	10	Hrytsenko	Alina	Manager	1	2
	9	Kryvonis	Vladyslav	Manager	1	1
	8	Blyznyuk	Mykola	Service Assistant	1	2
	7	Hlavatskykh	Serhij	Service Assistant	1	1
	6	Dyachuk	Marharyta	Administrative assistant	1	1
	5	Tarasyuk	Hanna	Marketing Specialist	1	1
	4	Tymoshenko	Yaroslav	Human Resources	1	1



Result Grid



Form Editor



Field Types



Apply

Revert

Output

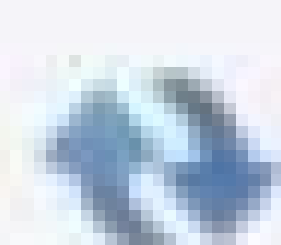
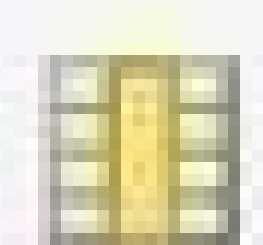
Завдання 4.10 (2)

```

12     employment_date,
13     bonus
14 FROM
15     employee
16 WHERE
17     bonus IS NOT NULL
18 AND
19     employment_date
20 BETWEEN '2015-12-31'
21 AND '2016-12-31'
22 ORDER By
23     last_name ASC;
24

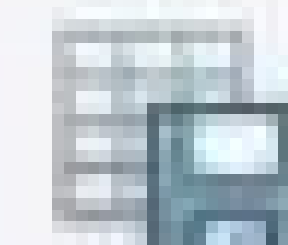
```

Result Grid



Filter Rows:

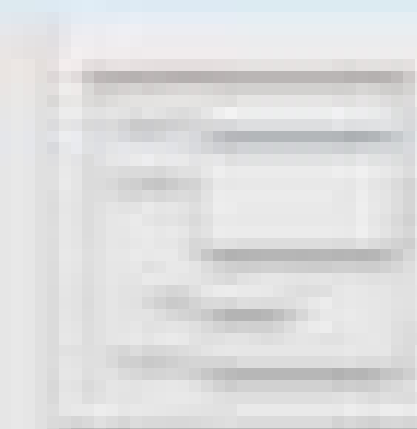
Export:



Wrap Cell Content:



Result
Grid



Form
Editor

	last_name	first_name	position	employment_date	bonus
►	Buryak	Vladyslava	Seller	2016-01-08	175
	Maksymchuk	Heorhij	Assistant Consultant	2016-02-16	200
	Mazurenko	Adam	Assistant Consultant	2016-11-19	200
	Vlasyuk	Antonina	Seller	2016-03-08	175

Завдання 4.10

```
15 FROM
16     employee
17 WHERE
18     bonus IS NOT NULL
19 AND
20     (
21         employment_date > '2015-12-31'
22         and
23         employment_date < '2020-12-31'
24     )
25 ORDER By
26     last_name ASC;
```

Result Grid | | Filter Rows: | Export: | Wrap Cell Content: ☐

	last_name	first_name	position	employment_date	bonus
▶	Buryak	Vladyslava	Seller	2016-01-08	175
	Demchuk	Viktor	Consultant	2018-05-14	225
	Fesenko	Ivan	Seller	2017-10-06	175
	Maksymchuk	Heorhij	Assistant Consultant	2016-02-16	200
	Mazurenko	Adam	Assistant Consultant	2016-11-19	200
	Musiyenko	Larysa	Assistant Consultant	2019-02-09	200
	Shirman	Halyna	Assistant Consultant	2018-09-02	200
	Vlasyuk	Antonina	Seller	2016-03-08	175

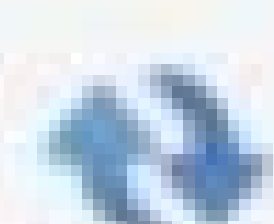
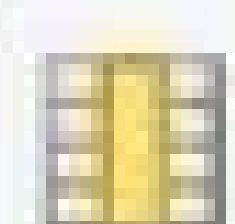
Завдання 4.11

```

7  ●  USE company;
8
9  ●  SELECT
10     last_name,
11     first_name,
12     position,
13
14     CASE
15     WHEN position = 'Senior Consultant' THEN 'Can Seles, Consulting and Lead'
16     WHEN position IN ('Senior Consultant','Consultant') THEN 'Can Seles and Consulting'
17     WHEN position like 'Assistant Consultant' THEN 'Can only Consulting'
18     WHEN position LIKE 'Seller' THEN 'Can only sale'
19     ELSE 'Service Roles'
20     END AS 'Relation to Customer'
21 FROM
22 employee

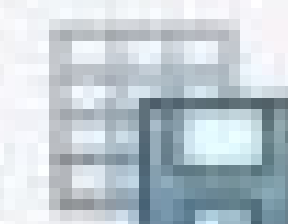
```

Result Grid

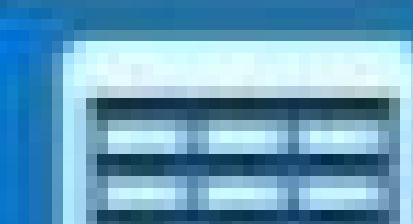


Filter Rows:

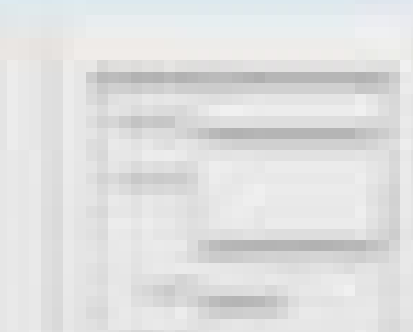
Export:



Wrap Cell Content:



Result
Grid



Form
Editor



Field
Types



Read Only

Result 16



Output

	last_name	first_name	position	Relation to Customer
►	Blyznyuk	Mykola	Service Assistant	Service Roles
	Buryak	Vladyslava	Seller	Can only sale
	Chernenko	Natalya	Senior Consultant	Can Seles, Consulting and Lead
	Demchuk	Viktor	Consultant	Can Seles and Consulting
	Dudnyk	Hanna	Consultant	Can Seles and Consulting
	Dyachuk	Ulyana	Consultant	Can Seles and Consulting
	Dyachuk	Marharyta	Administrative assistant	Service Roles
	Fesenko	Ivan	Seller	Can only sale
	Getman	Pylyp	Manager	Service Roles
	Goncharenko	Lidiya	Manager Assistant	Service Roles
	Hlavatskykh	Serhij	Service Assistant	Service Roles
	Hrubovska	Alexa	Manager	Service Roles

Завдання 4.12

```
4
5
6
7 • USE company;
8
9 • SELECT
10 last_name "Last Name",
11 first_name "First Name",
12 position Title,
13 employment_date AS 'Hire Date'
14
```

Result Grid

 Filter Rows:

Export: 

Wrap Cell Content: 

	Last Name	First Name	Title	Hire Date
▶	Martynenko	Lyubomyr	CEO	1998-01-01
	Sirenko	Lina	Financial Analitic	2016-08-20
	Zayika	Oksana	Accountant	2007-10-24
	Tymchuk	Yaroslav	Human Resources	2018-01-11
	Tarasyuk	Hanna	Marketing Specialist	2003-02-08
	Dyachuk	Marharyta	Administrative assistant	2009-08-11
	Hlavatskykh	Serhij	Service Assistant	2020-01-18
	Blyznyuk	Mykola	Service Assistant	1999-11-01
	Kryvonis	Vladyslav	Manager	2013-03-22
	Hrytsenko	Alina	Manager	2016-10-04
	Stenanova	Mvroslav	Mananer	1999-08-05

Form Editor

Field Types

Read Only

employee 17 ▼