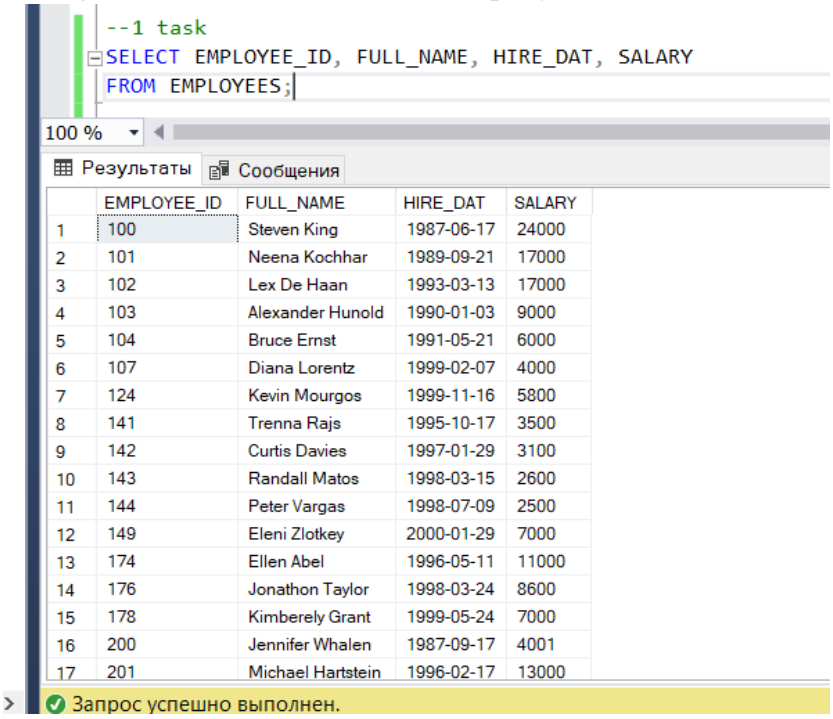
Alimgozha Adil

Lab 1

1) The Human Resources (HR) department needs data including id, full name, hiring date and salaries of all employees.



```
--1 task
SELECT EMPLOYEE_ID, FULL_NAME, HIRE_DAT, SALARY
FROM EMPLOYEES;
```

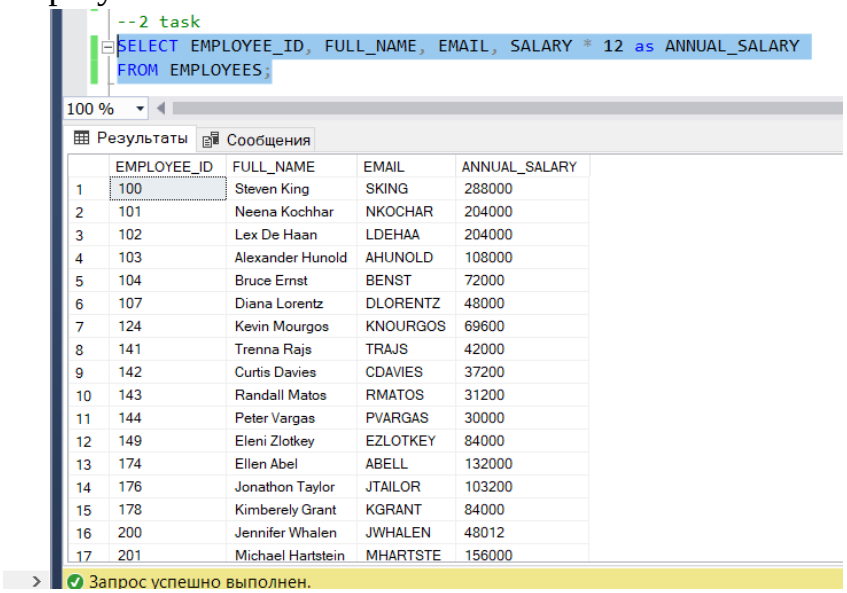
100 %

Результаты | Сообщения

	EMPLOYEE_ID	FULL_NAME	HIRE_DAT	SALARY
1	100	Steven King	1987-06-17	24000
2	101	Neena Kochhar	1989-09-21	17000
3	102	Lex De Haan	1993-03-13	17000
4	103	Alexander Hunold	1990-01-03	9000
5	104	Bruce Ernst	1991-05-21	6000
6	107	Diana Lorentz	1999-02-07	4000
7	124	Kevin Mourgos	1999-11-16	5800
8	141	Trenna Rajs	1995-10-17	3500
9	142	Curtis Davies	1997-01-29	3100
10	143	Randall Matos	1998-03-15	2600
11	144	Peter Vargas	1998-07-09	2500
12	149	Eleni Zlotkey	2000-01-29	7000
13	174	Ellen Abel	1996-05-11	11000
14	176	Jonathon Taylor	1998-03-24	8600
15	178	Kimberely Grant	1999-05-24	7000
16	200	Jennifer Whalen	1987-09-17	4001
17	201	Michael Hartstein	1996-02-17	13000

Запрос успешно выполнен.

2) Write a query to display id, full names, email, annual salaries of all employees.



```
--2 task
SELECT EMPLOYEE_ID, FULL_NAME, EMAIL, SALARY * 12 as ANNUAL_SALARY
FROM EMPLOYEES;
```

100 %

Результаты | Сообщения

	EMPLOYEE_ID	FULL_NAME	EMAIL	ANNUAL_SALARY
1	100	Steven King	SKING	288000
2	101	Neena Kochhar	NKOCHAR	204000
3	102	Lex De Haan	LDEHAA	204000
4	103	Alexander Hunold	AHUNOLD	108000
5	104	Bruce Ernst	BENST	72000
6	107	Diana Lorentz	DLORENTZ	48000
7	124	Kevin Mourgos	KNOURGOS	69600
8	141	Trenna Rajs	TRAJS	42000
9	142	Curtis Davies	CDAVIES	37200
10	143	Randall Matos	RMATOS	31200
11	144	Peter Vargas	PVARGAS	30000
12	149	Eleni Zlotkey	EZLOTKEY	84000
13	174	Ellen Abel	ABELL	132000
14	176	Jonathon Taylor	JTAILOR	103200
15	178	Kimberely Grant	KGRANT	84000
16	200	Jennifer Whalen	JWHALEN	48012
17	201	Michael Hartstein	MHARTSTE	156000

Запрос успешно выполнен.

3) The Human Resources (HR) department requests data for all unique jobs from the EMPLOYEES table. Job IDs should not be repeated in the output.

```sql
--3 task
SELECT DISTINCT JOB_ID
FROM EMPLOYEES;
```

100 %

Результаты | Сообщения

	JOB_ID
1	AC_ACCOUNT
2	AC_MGR
3	AD_ASST
4	AD_PRES
5	AD_VP
6	IT_PROG
7	MK_MAN
8	MK_REP
9	SA_MAN
10	SA_REP
11	SH_CLERK
12	SH_MAN

4) Due to funding problems, the HR department needs a report that provides all the information about the programmers whose salaries are over 5000.

```sql
--4 task
SELECT * FROM EMPLOYEES
WHERE JOB_ID = 'IT_PROG' AND SALARY > 5000
```

100 %

Результаты | Сообщения

	EMPLOYEE_ID	FULL_NAME	EMAIL	PHONE_NUMBER	HIRE_DAT	JOB_ID	SALARY
1	103	Alexander Hunold	AHUNOLD	590.423.4567	1990-01-03	IT_PROG	9000
2	104	Bruce Ernst	BENST	590.423.4568	1991-05-21	IT_PROG	6000

5) Generate a report to display the id, full name, and job title of all employees whose salaries range from 4000 to 7000 (including left and right boundaries). (USE BETWEEN!)

```sql
--5 TASK
SELECT EMPLOYEE_ID, FULL_NAME, JOB_ID
FROM EMPLOYEES
WHERE SALARY BETWEEN 4000 AND 7000
```

100 %

Результаты | Сообщения

	EMPLOYEE_ID	FULL_NAME	JOB_ID
1	104	Bruce Ernst	IT_PROG
2	107	Diana Lorentz	IT_PROG
3	124	Kevin Mourgos	SH_MAN
4	149	Eleni Zlotkey	SA_MAN
5	178	Kimberely Grant	SA_REP
6	200	Jennifer Whalen	AD_ASST
7	202	Pat Fay	MK_REP

6) The HR department needs data on high-paid and low-paid employees. Write a query to display the full name, and salaries of all employees whose salaries are outside the range from 3000 to 9000 (USE BETWEEN!).

```
--6 TASK
SELECT FULL_NAME, SALARY
FROM EMPLOYEES
WHERE SALARY NOT BETWEEN 3000 AND 9000
```

100 %

Результаты | Сообщения

	FULL_NAME	SALARY
1	Steven King	24000
2	Neena Kochhar	17000
3	Lex De Haan	17000
4	Randall Matos	2600
5	Peter Vargas	2500
6	Ellen Abel	11000
7	Michael Hartstein	13000
8	Shelley Higgins	12000

7) Write a query to display id, last names, first names, annual salaries of those employees whose annual salaries are below 50000.

```
--7 TASK
SELECT EMPLOYEE_ID, RIGHT(FULL_NAME,CHARINDEX(' ', (REVERSE(FULL_NAME))) - 1)
AS LASTNAME, LEFT(FULL_NAME,CHARINDEX(' ', FULL_NAME) - 1)
AS FIRSTNAME, SALARY * 12
AS 'ANNUAL SALARY'
FROM EMPLOYEES
WHERE SALARY * 12 < 50000
```

100 %

Результаты | Сообщения

	EMPLOYEE_ID	LASTNAME	FIRSTNAME	ANNUAL SALARY
1	107	Lorentz	Diana	48000
2	141	Rajs	Trenna	42000
3	142	Davies	Curtis	37200
4	143	Matos	Randall	31200
5	144	Vargas	Peter	30000
6	200	Whalen	Jennifer	48012

8) Write a query to display id, full name, salaries of those employees whose salaries are in the range from 4000 to 7000 (excluding left and right boundaries). Explain the difference between this task and task #5.

```sql
--8 TASK
SELECT EMPLOYEE_ID, FULL_NAME, SALARY
FROM EMPLOYEES
WHERE SALARY > 4000 AND SALARY < 7000
/*EXPLANATION OF DIFFERENCE 8 TASK AND 5 TASK:
IN 5 TASK WE USED "BETWEEN"
BECAUSE "BETWEEN" INCLUDES THE BOUNDARIES [4000;7000],
IN TASK 8 WE USE "<",">"
BECAUSE WE EXCLUDE THE BOUNDARIES (4000;7000)
*/
```

100 %

Результаты Сообщения

	EMPLOYEE_ID	FULL_NAME	SALARY
1	104	Bruce Ernst	6000
2	124	Kevin Mourgos	5800
3	200	Jennifer Whalen	4001
4	202	Pat Fay	6000

9) Write a query to display id, full name, salaries, job title from the list of id «144, 102, 200, 205»

```sql
--9 TASK
SELECT EMPLOYEE_ID, FULL_NAME, SALARY, JOB_ID
FROM EMPLOYEES
WHERE EMPLOYEE_ID IN (144, 102, 200, 205)
```

100 %

Результаты Сообщения

	EMPLOYEE_ID	FULL_NAME	SALARY	JOB_ID
1	102	Lex De Haan	17000	AD_VP
2	144	Peter Vargas	2500	SH_CLERK
3	200	Jennifer Whalen	4001	AD_ASST
4	205	Shelley Higgins	12000	AC_MGR

10) Write a query to display id, full name, salaries, job title not from the list of id «144, 102, 200, 205».

```sql
--10 TASK
SELECT EMPLOYEE_ID, FULL_NAME, SALARY, JOB_ID
FROM EMPLOYEES
WHERE EMPLOYEE_ID NOT IN (144, 102, 200, 205)
```

100 %

Результаты | Сообщения

	EMPLOYEE_ID	FULL_NAME	SALARY	JOB_ID
1	100	Steven King	24000	AD_PRES
2	101	Neena Kochhar	17000	AD_VP
3	103	Alexander Hunold	9000	IT_PROG
4	104	Bruce Ernst	6000	IT_PROG
5	107	Diana Lorentz	4000	IT_PROG
6	124	Kevin Mourgos	5800	SH_MAN
7	141	Trenna Rajs	3500	SH_CLERK
8	142	Curtis Davies	3100	SH_CLERK
9	143	Randall Matos	2600	SH_CLERK
10	149	Eleni Zlotkey	7000	SA_MAN
11	174	Ellen Abel	11000	SA_REP
12	176	Jonathon Taylor	8600	SA_REP
13	178	Kimberely Grant	7000	SA_REP
14	201	Michael Hartstein	13000	MK_MAN
15	202	Pat Fay	6000	MK_REP
16	206	William Gietz	8300	AC_ACCOUNT

11) Write a query to display id, full name, salaries of those employees whose second letter of surname is the letter ‘a’.

```sql
--11 TASK
SELECT EMPLOYEE_ID, FULL_NAME, SALARY
FROM EMPLOYEES
WHERE RIGHT(FULL_NAME,CHARINDEX(' ', (REVERSE(FULL_NAME))) - 1) LIKE '_a%'
```

100 %

Результаты | Сообщения

	EMPLOYEE_ID	FULL_NAME	SALARY
1	102	Lex De Haan	17000
2	141	Trenna Rajs	3500
3	142	Curtis Davies	3100
4	143	Randall Matos	2600
5	144	Peter Vargas	2500
6	176	Jonathon Taylor	8600
7	201	Michael Hartstein	13000
8	202	Pat Fay	6000

12) Write a query to display all the names of employees where the third letter of name is ‘a’.

```sql
--12 TASK
SELECT LEFT(FULL_NAME,CHARINDEX(' ', FULL_NAME) - 1) AS NAME
FROM EMPLOYEES
WHERE LEFT(FULL_NAME,CHARINDEX(' ', FULL_NAME) - 1) LIKE '__a%'
```

100 %

Результаты | Сообщения

	NAME
1	Diana

13) Write a query to display id, full name, email, salaries of those employees whose FIRST LETTER of NAME + last name = EMAIL of each employee. Example: full_name = Steven King, email = SKING. Here name is Steven → First Letter is S, last name = King. FIRST LETTER of NAME + last name is S + King = SKing = SKING. Consider upper and lower cases to be the same (S = s).

```
--13 TASK
SELECT EMPLOYEE_ID, FULL_NAME, EMAIL, SALARY
FROM EMPLOYEES
WHERE SUBSTRING(FULL_NAME, 1, 1)+RIGHT(UPPER(FULL_NAME),CHARINDEX(' ', (REVERSE(UPPER(FULL_NAME)))) - 1) = EMAIL
```

100 %

Результаты | Сообщения

	EMPLOYEE_ID	FULL_NAME	EMAIL	SALARY
1	100	Steven King	SKING	24000
2	103	Alexander Hunold	AHUNOLD	9000
3	107	Diana Lorentz	DLORENTZ	4000
4	141	Trenna Rajs	TRAJS	3500
5	142	Curtis Davies	CDAVIES	3100
6	143	Randall Matos	RMATOS	2600
7	144	Peter Vargas	PVARGAS	2500
8	149	Eleni Zlotkey	EZLOTKEY	7000
9	178	Kimberely Grant	KGRANT	7000
10	200	Jennifer Whalen	JWHALEN	4001
11	202	Pat Fay	PFAY	6000
12	205	Shelley Higgins	SHIGGINS	12000
13	206	William Gietz	WGIETZ	8300

14) Write a query to display id, full name, email, salaries of all employees, sorting their salaries in ascending order then by hire date in descending order.

```
--14 TASK
SELECT EMPLOYEE_ID, FULL_NAME, EMAIL, SALARY
FROM EMPLOYEES
ORDER BY SALARY ASC, HIRE_DAT DESC
```

100 %

Результаты | Сообщения

	EMPLOYEE_ID	FULL_NAME	EMAIL	SALARY
1	144	Peter Vargas	PVARGAS	2500
2	143	Randall Matos	RMATOS	2600
3	142	Curtis Davies	CDAVIES	3100
4	141	Trenna Rajs	TRAJS	3500
5	107	Diana Lorentz	DLORENTZ	4000
6	200	Jennifer Whalen	JWHALEN	4001
7	124	Kevin Mourgos	KNOURGOS	5800
8	202	Pat Fay	PFAY	6000
9	104	Bruce Ernst	BENST	6000
10	149	Eleni Zlotkey	EZLOTKEY	7000
11	178	Kimberely Grant	KGRANT	7000
12	206	William Gietz	WGIETZ	8300
13	176	Jonathon Taylor	JTAILOR	8600
14	103	Alexander Hunold	AHUNOLD	9000
15	174	Ellen Abel	ABELL	11000
16	205	Shelley Higgins	SHIGGINS	12000
17	201	Michael Hartstein	MHARTSTE	13000

Запрос успешно выполнен.

15) Write a query to display id, full name, salaries of all employees, sorting their id in descending order

```
--15 TASK
SELECT EMPLOYEE_ID, FULL_NAME, SALARY
FROM EMPLOYEES
ORDER BY EMPLOYEE_ID DESC
```

100 %

Результаты | Сообщения

	EMPLOYEE_ID	FULL_NAME	SALARY
1	206	William Gietz	8300
2	205	Shelley Higgins	12000
3	202	Pat Fay	6000
4	201	Michael Hartstein	13000
5	200	Jennifer Whalen	4001
6	178	Kimberely Grant	7000
7	176	Jonathon Taylor	8600
8	174	Ellen Abel	11000
9	149	Eleni Zlotkey	7000
10	144	Peter Vargas	2500
11	143	Randall Matos	2600
12	142	Curtis Davies	3100
13	141	Trenna Rajs	3500
14	124	Kevin Mourgos	5800
15	107	Diana Lorentz	4000
16	104	Bruce Ernst	6000
17	103	Alexander Hunold	9000

16) Write a query to display the average, maximum, minimum and the sum of all programmers' salaries.

```
--16 TASK
SELECT AVG(SALARY) AS AVERAGE, MAX(SALARY) AS MAXIMUM, MIN(SALARY) AS MINIMUM, SUM(SALARY) AS SUMMA
FROM EMPLOYEES
WHERE JOB_ID = 'IT_PROG'
```

100 %

Результаты | Сообщения

	AVERAGE	MAXIMUM	MINIMUM	SUMMA
1	6333	9000	4000	19000

17) Write a query to display the whole employee info whose first figure of phone number if the same as last figure the same phone number. Example: 650.121.2996. Here ‘6’ is the first figure as well as the last one.

```
--17 TASK
SELECT *
FROM EMPLOYEES
WHERE SUBSTRING(PHONE_NUMBER, 1, 1) = SUBSTRING(REVERSE(PHONE_NUMBER), 1, 1)
```

100 %

Результаты | Сообщения

	EMPLOYEE_ID	FULL_NAME	EMAIL	PHONE_NUMBER	HIRE_DAT	JOB_ID	SALARY
1	107	Diana Lorentz	DLORENTZ	590.423.5565	1999-02-07	IT_PROG	4000
2	142	Curtis Davies	CDAVIES	650.121.2996	1997-01-29	SH_CLERK	3100
3	149	Eleni Zlotkey	EZLOTKEY	011.44.1344.429010	2000-01-29	SA_MAN	7000
4	201	Michael Hartstein	MHARTSTE	515.123.5555	1996-02-17	MK_MAN	13000
5	202	Pat Fay	PFAY	603.123.6666	1997-08-17	MK_REP	6000

18) Write a query to display the number of unique professions.

```sql
--18 TASK
SELECT COUNT(DISTINCT JOB_ID)
FROM EMPLOYEES
```

100 %

Результаты | Сообщения

	(Отсутствует имя столбца)
1	12

19) Sum the salaries in the EMPLOYEES table for each job title.

```sql
--19 TASK
SELECT JOB_ID, SUM(SALARY) AS SUMMA
FROM EMPLOYEES
GROUP BY JOB_ID
```

100 %

Результаты | Сообщения

	JOB_ID	SUMMA
1	AC_ACCOUNT	8300
2	AC_MGR	12000
3	AD_ASST	4001
4	AD_PRES	24000
5	AD_VP	34000
6	IT_PROG	19000
7	MK_MAN	13000
8	MK_REP	6000
9	SA_MAN	7000
10	SA_REP	26600
11	SH_CLERK	11700
12	SH_MAN	5800

20) Find the average salaries in the EMPLOYEES table for each job title.

```
--20 TASK
SELECT JOB_ID, AVG(SALARY) AS AVERAGE
FROM EMPLOYEES
GROUP BY JOB_ID
```

100 %

Результаты | Сообщения

	JOB_ID	AVERAGE
1	AC_ACCOUNT	8300
2	AC_MGR	12000
3	AD_ASST	4001
4	AD_PRES	24000
5	AD_VP	17000
6	IT_PROG	6333
7	MK_MAN	13000
8	MK_REP	6000
9	SA_MAN	7000
10	SA_REP	8866
11	SH_CLERK	2925
12	SH_MAN	5800

21) Find the maximum salaries in the EMPLOYEES table for each job title that exceed 10,000 and sort them in descending order.

```
--21 TASK
SELECT JOB_ID, MAX(SALARY) AS MAXIMUM
FROM EMPLOYEES
WHERE SALARY > 10000
GROUP BY JOB_ID
ORDER BY MAX(SALARY) DESC
```

100 %

Результаты | Сообщения

	JOB_ID	MAXIMUM
1	AD_PRES	24000
2	AD_VP	17000
3	MK_MAN	13000
4	AC_MGR	12000
5	SA_REP	11000

22) Find the maximum average salary for each job title.

```sql
--22 TASK
SELECT MAX(AVG_SALARY) AS MAXIMUM_AVERAGE
FROM (SELECT JOB_ID, AVG(SALARY) AS AVG_SALARY
    FROM EMPLOYEES
    GROUP BY JOB_ID) AS AVG;
```

100 %

Результаты | Сообщения

	MAXIMUM_AVERAGE
1	24000

23) Receive a report for each employee in the following form: "full_name" earns "salary" per month, but wants "triple salary". Name the column Dream Salaries.

```sql
--23 TASK
SELECT FULL_NAME, 'earns' AS EARNS, SALARY, 'per month, but wants' AS PER_MONTH_BUT_WANTS, SALARY * 3 AS DREAM_SALARIES
FROM EMPLOYEES
```

100 %

Результаты | Сообщения

	FULL_NAME	EARNS	SALARY	PER_MONTH_BUT_WANTS	DREAM_SALARIES
1	Steven King	earns	24000	per month, but wants	72000
2	Neena Kochhar	earns	17000	per month, but wants	51000
3	Lex De Haan	earns	17000	per month, but wants	51000
4	Alexander Hunold	earns	9000	per month, but wants	27000
5	Bruce Ernst	earns	6000	per month, but wants	18000
6	Diana Lorentz	earns	4000	per month, but wants	12000
7	Kevin Mourgos	earns	5800	per month, but wants	17400
8	Trenna Rajs	earns	3500	per month, but wants	10500
9	Curtis Davies	earns	3100	per month, but wants	9300
10	Randall Matos	earns	2600	per month, but wants	7800
11	Peter Vargas	earns	2500	per month, but wants	7500
12	Eleni Zlotkey	earns	7000	per month, but wants	21000
13	Ellen Abel	earns	11000	per month, but wants	33000
14	Jonathon Taylor	earns	8600	per month, but wants	25800
15	Kimberely Grant	earns	7000	per month, but wants	21000
16	Jennifer Whalen	earns	4001	per month, but wants	12003
17	Michael Hartstein	earns	13000	per month, but wants	39000
18	Pat Fay	earns	6000	per month, but wants	18000
19	Shelley Higgins	earns	12000	per month, but wants	36000
20	William Gietz	earns	8300	per month, but wants	24900

24) Write a query to display the full name and the number of letters in the full name of employees (a space counts as one character).

```
--24 TASK
SELECT FULL_NAME, LEN(FULL_NAME) AS LENGTH
FROM EMPLOYEES
```

100 %

Результаты | Сообщения

	FULL_NAME	LENGTH
1	Steven King	11
2	Neena Kochhar	13
3	Lex De Haan	11
4	Alexander Hunold	16
5	Bruce Ernst	11
6	Diana Lorentz	13
7	Kevin Mourgos	13
8	Trenna Rajs	11
9	Curtis Davies	13
10	Randall Matos	13
11	Peter Vargas	12
12	Eleni Zlotkey	13
13	Ellen Abel	10
14	Jonathon Taylor	15
15	Kimberely Grant	15
16	Jennifer Whalen	15
17	Michael Hartstein	17
18	Pat Fay	7
19	Shelley Higgins	15
20	William Gietz	13

25) Write a query to display only first name from a column full_name. Example: FULL_NAME: ‘Steven King’. The output must be 1 column named ‘first_name’ with the data ‘Steven’.

```sql
--25 TASK
SELECT LEFT(FULL_NAME,CHARINDEX(' ', FULL_NAME) - 1) AS FIRST_NAME
FROM EMPLOYEES
```

100 %

Результаты | Сообщения

	FIRST_NAME
1	Steven
2	Neena
3	Lex
4	Alexander
5	Bruce
6	Diana
7	Kevin
8	Trenna
9	Curtis
10	Randall
11	Peter
12	Eleni
13	Ellen
14	Jonathon
15	Kimberely
16	Jennifer
17	Michael
18	Pat
19	Shelley
20	William

26) Write a query to display the first three letters in the first names of employees.

```sql
--26 TASK
SELECT SUBSTRING(LEFT(FULL_NAME,CHARINDEX(' ', FULL_NAME) - 1), 1, 3) AS FIRST_NAME
FROM EMPLOYEES
```

100 %

Результаты | Сообщения

	FIRST_NAME
1	Ste
2	Nee
3	Lex
4	Ale
5	Bru
6	Dia
7	Kev
8	Tre
9	Cur
10	Ran
11	Pet
12	Ele
13	Ell
14	Jon
15	Kim
16	Jen
17	Mic
18	Pat
19	She
20	Wil

27) Write a query to display the letters in the full names of employees in reverse order.

```sql
--27 TASK
SELECT REVERSE(FULL_NAME) AS REVERSED_FULL_NAME
FROM EMPLOYEES
```

100 %

Результаты | Сообщения

	REVERSED_FULL_NAME
1	gniK nevetS
2	rahhcoK aneeN
3	naaH eD xeL
4	dlonuH rednaxelA
5	tsnrE ecurB
6	ztneroL anaiD
7	sogruoM niveK
8	sjaR annerT
9	seivaD sitruC
10	sotaM lladnaR
11	sagraV reteP
12	yektolZ inelE
13	lebA nellE
14	rolyaT nohtanoJ
15	tnarG ylerebmiK
16	nelahW refinneJ
17	nietstraH leahciM
18	yaF taP
19	sniggiH yellehS
20	zteiG mailliW

28) Replace "en" characters in the full_names of employees with "yu" characters.

```sql
--28 TASK
SELECT REPLACE(FULL_NAME, 'en', 'yu') AS REPLACED
FROM EMPLOYEES
```

100 %

Результаты | Сообщения

	REPLACED
1	Stevyu King
2	Neyua Kochhar
3	Lex De Haan
4	Alexander Hunold
5	Bruce Ernst
6	Diana Loryutz
7	Kevin Mourgos
8	Tryuna Rajs
9	Curtis Davies
10	Randall Matos
11	Peter Vargas
12	Elyui Zlotkey
13	Ellyu Abel
14	Jonathon Taylor
15	Kimberely Grant
16	Jyunifer Whalyu
17	Michael Hartstein
18	Pat Fay
19	Shelley Higgins
20	William Gietz

29) Convert all letters in the full names of employees to uppercase.

```sql
--29 TASK
SELECT UPPER(FULL_NAME) AS UPPER_NAME
FROM EMPLOYEES
```

100 %

Результаты | Сообщения

	UPPER_NAME
1	STEVEN KING
2	NEENA KOCHHAR
3	LEX DE HAAN
4	ALEXANDER HUNOLD
5	BRUCE ERNST
6	DIANA LORENTZ
7	KEVIN MOURGOS
8	TRENNA RAJS
9	CURTIS DAVIES
10	RANDALL MATOS
11	PETER VARGAS
12	ELENI ZLOTKEY
13	ELLEN ABEL
14	JONATHON TAYLOR
15	KIMBERELY GRANT
16	JENNIFER WHALEN
17	MICHAEL HARTSTEIN
18	PAT FAY
19	SHELLEY HIGGINS
20	WILLIAM GIETZ

30) Your query and explain it (code comments). The query must be interesting. It is not sufficient just to write easy UPDATE, DROP TABLE, DELETE with no arguments. Apply creativity.

```sql
--30 TASK
SELECT *, SALARY / 3 AS PRIZE
FROM EMPLOYEES
WHERE JOB_ID = 'IT_PROG' OR JOB_ID = 'AD_VP' OR JOB_ID = 'SH_CLERK'
--OUTPUT IS THE TABLE WHICH SHOWS WHAT PROFFESIONS SHOULD BE GIVEN A PRIZE THAT IS SALARY / 3
```

100 %

Результаты | Сообщения

	EMPLOYEE_ID	FULL_NAME	EMAIL	PHONE_NUMBER	HIRE_DAT	JOB_ID	SALARY	PRIZE
1	101	Neena Kochhar	NKOCHAR	515.123.4568	1989-09-21	AD_VP	17000	5666
2	102	Lex De Haan	LDEHAA	515.123.4569	1993-03-13	AD_VP	17000	5666
3	103	Alexander Hunold	AHUNOLD	590.423.4567	1990-01-03	IT_PROG	9000	3000
4	104	Bruce Ernst	BENST	590.423.4568	1991-05-21	IT_PROG	6000	2000
5	107	Diana Lorentz	DLORENTZ	590.423.5565	1999-02-07	IT_PROG	4000	1333
6	141	Trenna Rajs	TRAJS	650.121.8009	1995-10-17	SH_CLERK	3500	1166
7	142	Curtis Davies	CDAVIES	650.121.2996	1997-01-29	SH_CLERK	3100	1033
8	143	Randall Matos	RMATOS	650.121.2874	1998-03-15	SH_CLERK	2600	866
9	144	Peter Vargas	PVARGAS	650.121.2004	1998-07-09	SH_CLERK	2500	833