1) Да се изведе цялата информация от таблица departments:

SELECT * FROM departments;

	DEPARTMENT_ID	DEPARTMENT_NAME	MANAGER_ID	LOCATION_ID
1	10	Administration	200	1700
2	20	Marketing	201	1800
3	30	Purchasing	114	1700
4	40	Human Resources	203	2400
5	50	Shipping	121	1500
6	60	IT	103	1400
7	70	Public Relations	204	2700
8	80	Sales	145	2500
9	90	Executive	100	1700
10	100	Finance	108	1700
11	110	Accounting	205	1700
12	120	Treasury	(null)	1700
13	130	Corporate Tax	(null)	1700
14	140	Control And Credit	(null)	1700
15	150	Shareholder Services	(null)	1700

2) Намерете разликата между максималната и минималната заплата:

SELECT MAX(Salary) - MIN(Salary) AS Salary_Difference FROM employees;

	SALARY_DIFFERENCE
1	21900

3) Да се изведат служителите имащи заплата 6000 или 10000 и работещи в отдел с 80-то id (department_id):

SELECT first_name, last_name, salary, department_id FROM employees

WHERE (salary = 6000 OR salary = 10000) AND department_id = 80;

	FIRST_NAME	LAST_NAME	SALARY	DEPARTMENT_ID
1	Peter	Tucker	10000	80
2	Janette	King	10000	80
3	Harrison	Bloom	10000	80

(няма служител с заплата 6000 и работещ в отдел 80)

4) Да се изведе информация за служители заемащи длъжност SH_CLERK или ST_MAN

SELECT first_name, last_name, job_id FROM employees

WHERE job_id IN ('SH_CLERK', 'ST_MAN');

	FIRST_NAME	LAST_NAME	JOB_ID
1	Winston	Taylor	SH_CLERK
2	Jean	Fleaur	SH_CLERK
3	Martha	Sullivan	SH_CLERK
4	Girard	Geoni	SH_CLERK
5	Nandita	Sarchand	SH_CLERK
6	Alexis	Bull	SH_CLERK
7	Julia	Dellinger	SH_CLERK
8	Anthony	Cabrio	SH_CLERK
9	Kelly	Chung	SH_CLERK
10	Jennifer	Dilly	SH_CLERK
11	Timothy	Gates	SH_CLERK
12	Randall	Perkins	SH_CLERK
13	Sarah	Bell	SH_CLERK
14	Britney	Everett	SH_CLERK
15	Samuel	McCain	SH_CLERK
16	Vance	Jones	SH_CLERK
17	Alana	Walsh	SH_CLERK
18	Kevin	Feeney	SH_CLERK
19	Donald	OConnell	SH_CLERK
20	Douglas	Grant	SH_CLERK
21	Matthew	Weiss	ST_MAN
22	Adam	Fripp	ST_MAN
23	Payam	Kaufling	ST_MAN
24	Shanta	Vollman	ST_MAN
25	Kevin	Mourgos	ST_MAN

5) Да се пресметне броят на служителите за всека отделна позиция (job_id)

```
SELECT COUNT(job_id) AS employee_id, job_id
FROM employees
GROUP BY job_id;
```

	EMPLOYEE_ID	JOB_ID
1	1	AC_ACCOUNT
2	1	AC_MGR
3	1	AD_ASST
4	1	AD_PRES
5	2	AD_VP
6	5	FI_ACCOUNT
7	1	FI_MGR
8	1	HR_REP
9	5	IT_PROG
10	1	MK_MAN
11	1	MK_REP
12	1	PR_REP
13	5	PU_CLERK
14	1	PU_MAN
15	5	SA_MAN
16	30	SA_REP
17	20	SH_CLERK
18	20	ST_CLERK
19	5	ST_MAN

6) Изведете следната информация за всеки един от служителите – име, фамилия, дата на назначаване, заплата;

SELECT first_name, last_name, hire_date, salary FROM employees;

	FIRST_NAME	LAST_NAME	HIRE_DATE	SALARY
1	Steven	King	17-JUN-03	24000
2	Neena	Kochhar	21-SEP-05	17000
3	Lex	De Haan	13-JAN-01	17000
4	Alexander	Hunold	03-JAN-06	9000
5	Bruce	Ernst	21-MAY-07	6000
6	David	Austin	25-JUN-05	4800
7	Valli	Pataballa	05-FEB-06	4800
8	Diana	Lorentz	07-FEB-07	4200
9	Nancy	Greenberg	17-AUG-02	12008
10	Daniel	Faviet	16-AUG-02	9000
11	John	Chen	28-SEP-05	8200
12	Ismael	Sciarra	30-SEP-05	7700
13	Jose Manuel	Urman	07-MAR-06	7800
14	Luis	Popp	07-DEC-07	6900
15	Den	Raphaely	07-DEC-02	11000
16	Alexander	Khoo	18-MAY-03	3100
17	Shelli	Baida	24-DEC-05	2900
18	Sigal	Tobias	24-JUL-05	2800
19	Guy	Himuro	15-NOV-06	2600
20	Karen	Colmenares	10-AUG-07	2500
21	Matthew	Weiss	18-JUL-04	8000
22	Adam	Fripp	10-APR-05	8200

7) Да се изведат служителите имащи заплата 6000, 8000 или 10000 (IN):

SELECT first_name, last_name, salary FROM employees

WHERE salary IN (6000, 8000, 10000);

	FIRST_NAME	LAST_NAME	SALARY
1	Bruce	Ernst	6000
2	Matthew	Weiss	8000
3	Peter	Tucker	10000
4	Christopher	Olsen	8000
5	Janette	King	10000
6	Lindsey	Smith	8000
7	Harrison	Bloom	10000
8	Pat	Fay	6000
9	Hermann	Baer	10000

8) Изведете всички данни за служителите назначени на 2002-06-07 и 2005-03-10

```
SELECT employee_id, hire_date FROM employees
WHERE hire_date = '07-JUN-02' OR hire_date = '10-MAR-05';
```

	EMPLOYEE_ID	HIRE_DATE
1	147	10-MAR-05
2	159	10-MAR-05
3	203	07-JUN-02
4	204	07-JUN-02
5	205	07-JUN-02
6	206	07-JUN-02