

1) Да се изведат служителите работещи в отдела, в който работи служителя с най ниска заплата.

```
SELECT emp.first_name, emp.last_name, d.department_name
FROM employees emp
JOIN departments d ON d.department_id = emp.department_id
WHERE emp.department_id = (SELECT * FROM (SELECT department_id FROM employees
ORDER BY salary ASC) WHERE ROWNUM = 1);
```

	FIRST_NAME	LAST_NAME	DEPARTMENT_NAME			
1	Matthew	Weiss	Shipping	23	Curtis	Davies
2	Douglas	Grant	Shipping	24	Randall	Matos
3	Payam	Kaufling	Shipping	25	Peter	Vargas
4	Shanta	Vollman	Shipping	26	Winston	Taylor
5	Kevin	Mourgos	Shipping	27	Jean	Fleaur
6	Julia	Nayer	Shipping	28	Martha	Sullivan
7	Irene	Mikkilineni	Shipping	29	Girard	Geoni
8	James	Landry	Shipping	30	Nandita	Sarchand
9	Steven	Markle	Shipping	31	Alexis	Bull
10	Laura	Bissot	Shipping	32	Julia	Dellinger
11	Mozhe	Atkinson	Shipping	33	Anthony	Cabrio
12	James	Marlow	Shipping	34	Kelly	Chung
13	TJ	Olson	Shipping	35	Jennifer	Dilly
14	Jason	Mallin	Shipping	36	Timothy	Gates
15	Michael	Rogers	Shipping	37	Randall	Perkins
16	Ki	Gee	Shipping	38	Sarah	Bell
17	Hazel	Philtanker	Shipping	39	Britney	Everett
18	Renske	Ladwig	Shipping	40	Samuel	McCain
19	Stephen	Stiles	Shipping	41	Vance	Jones
20	John	Seo	Shipping	42	Alana	Walsh
21	Joshua	Patel	Shipping	43	Kevin	Feeney
22	Trenna	Rajs	Shipping	44	Donald	OConnell
23	Curtis	Davies	Shipping	45	Adam	Fripp

Проверка дали служителя с най-ниска заплата е от отдел “Shipping”:

```
SELECT * FROM (SELECT emp.employee_id, d.department_id, d.department_name,
emp.salary
FROM employees emp
JOIN departments d ON d.department_id = emp.department_id
ORDER BY salary ASC)
WHERE ROWNUM = 1;
```

	EMPLOYEE_ID	DEPARTMENT_ID	DEPARTMENT_NAME	SALARY
1	132	50	Shipping	2100

(да, от там е!)

2) Да се изведе информация за служителите работещи в отделите, които се намират на location_id = 1700.

```
SELECT emp.employee_id, d.department_name, l.location_id
FROM departments d
JOIN locations l ON l.location_id = d.location_id
JOIN employees emp ON emp.department_id = d.department_id
WHERE l.location_id = 1700;
```

	EMPLOYEE_ID	DEPARTMENT_NAME	LOCATION_ID
1	100	Executive	1700
2	101	Executive	1700
3	102	Executive	1700
4	108	Finance	1700
5	109	Finance	1700
6	110	Finance	1700
7	111	Finance	1700
8	112	Finance	1700
9	113	Finance	1700
10	114	Purchasing	1700
11	115	Purchasing	1700
12	116	Purchasing	1700
13	117	Purchasing	1700
14	118	Purchasing	1700
15	119	Purchasing	1700
16	200	Administration	1700
17	205	Accounting	1700
18	206	Accounting	1700

3) Да се изведе име, фамилия, заплата на служителите, позиция която заемат които имат заплата под средната за фирмата подредени по заплата:

```
SELECT emp.first_name, emp.last_name, emp.salary, j.job_title
FROM employees emp
JOIN jobs j ON j.job_id = emp.job_id
WHERE salary < (SELECT AVG(salary) FROM employees)
ORDER BY salary DESC;
```

❖	FIRST_NAME	❖	LAST_NAME	❖	SALARY	❖	JOB_TITLE
1	Sundar		Ande		6400		Sales Representative
2	Amit		Banda		6200		Sales Representative
3	Charles		Johnson		6200		Sales Representative
4	Sundita		Kumar		6100		Sales Representative
5	Bruce		Ernst		6000		Programmer
6	Pat		Fay		6000		Marketing Representative
7	Kevin		Mourgos		5800		Stock Manager
8	Valli		Pataballa		4800		Programmer
9	David		Austin		4800		Programmer
10	Jennifer		Whalen		4400		Administration Assistant
11	Diana		Lorentz		4200		Programmer
12	Nandita		Sarchand		4200		Shipping Clerk
13	Alexis		Bull		4100		Shipping Clerk
14	Sarah		Bell		4000		Shipping Clerk
15	Britney		Everett		3900		Shipping Clerk
16	Kelly		Chung		3800		Shipping Clerk
17	Renske		Ladwig		3600		Stock Clerk
18	Jennifer		Dilly		3600		Shipping Clerk
19	Trenna		Rajs		3500		Stock Clerk
20	Julia		Dellinger		3400		Shipping Clerk
21	Laura		Bissot		3300		Stock Clerk
22	Jason		Mallin		3300		Stock Clerk
23	Samuel		McCain		3200		Shipping Clerk
24	Stephen		Stiles		3200		Stock Clerk
25	Julia		Nayer		3200		Stock Clerk
26	Winston		Taylor		3200		Shipping Clerk
27	Curtis		Davies		3100		Stock Clerk
28	Alexander		Khoo		3100		Purchasing Clerk
29	Jean		Fleaur		3100		Shipping Clerk
30	Alana		Walsh		3100		Shipping Clerk
31	Kevin		Feeney		3000		Shipping Clerk
32	Anthony		Cabrio		3000		Shipping Clerk
33	Shelli		Baida		2900		Purchasing Clerk
34	Timothy		Gates		2900		Shipping Clerk
35	Michael		Rogers		2900		Stock Clerk
36	Vance		Jones		2800		Shipping Clerk
37	Sigal		Tobias		2800		Purchasing Clerk
38	Girard		Geoni		2800		Shipping Clerk
39	Mozhe		Atkinson		2800		Stock Clerk
40	John		Seo		2700		Stock Clerk
41	Irene		Mikkilineni		2700		Stock Clerk
42	Douglas		Grant		2600		Shipping Clerk
43	Guy		Himuro		2600		Purchasing Clerk
44	Donald		OConnell		2600		Shipping Clerk
45	Randall		Matos		2600		Stock Clerk
46	James		Marlow		2500		Stock Clerk
47	Randall		Perkins		2500		Shipping Clerk
48	Martha		Sullivan		2500		Shipping Clerk
49	Joshua		Patel		2500		Stock Clerk
50	Peter		Vargas		2500		Stock Clerk
51	Karen		Colmenares		2500		Purchasing Clerk
52	Ki		Gee		2400		Stock Clerk
53	James		Landry		2400		Stock Clerk
54	Steven		Markle		2200		Stock Clerk
55	Hazel		Philtanker		2200		Stock Clerk
56	TJ		Olson		2100		Stock Clerk

- Проверка за средната заплата

SELECT AVG(SALARY) **FROM** EMPLOYEES;

❖	AVG(SALARY)
1	6461.831775700934579439252336448598130841

4) Да се изведе информация за последно назначените 5 служителя – име, фамилия, дата на назначаване и позицията, която заемат:

SELECT * **FROM** (**SELECT** emp.first_name, emp.last_name, emp.hire_date, j.job_title **FROM** employees emp **JOIN** jobs j **ON** j.job_id = emp.job_id **ORDER BY** emp.hire_Date **DESC**) **WHERE** ROWNUM <= 5;

	⌄ FIRST_NAME	⌄ LAST_NAME	⌄ HIRE_DATE	⌄ JOB_TITLE
1	Amit	Banda	21-APR-08	Sales Representative
2	Sundita	Kumar	21-APR-08	Sales Representative
3	Sundar	Ande	24-MAR-08	Sales Representative
4	Steven	Markle	08-MAR-08	Stock Clerk
5	David	Lee	23-FEB-08	Sales Representative