

Q-1 Show Me The List Of Maximum Salary Paid By Each Department, Count Of Employees From Each Department And Department Name.

```
SELECT
D.DEPARTMENT_NAME,
COUNT(D.DEPARTMENT_NAME),
MAX(E.SALARY)
FROM EMPLOYEES E JOIN DEPARTMENTS D
ON E.DEPARTMENT_ID = D.DEPARTMENT_ID
GROUP BY D.DEPARTMENT_NAME;
```

	DEPARTMENT_NAME	COUNT(D.DEPARTMENT_NAME)	MAX(E.SALARY)
1	Administration	1	4400
2	Accounting	2	12008
3	Purchasing	6	11000
4	Human Resources	1	6500
5	IT	5	9000
6	Public Relations	1	10000
7	Executive	3	24000
8	Shipping	45	8200
9	Sales	34	14000
10	Finance	6	12008
11	Marketing	2	13000

Q-2 Show Me The List Of Avg Salary Paid By Each Department And Their Department Name.

```
SELECT
AVG(E.SALARY) SALARY,
D.DEPARTMENT_NAME
FROM EMPLOYEES E JOIN DEPARTMENTS D
ON E.DEPARTMENT_ID=D.DEPARTMENT_ID
GROUP BY D.DEPARTMENT_NAME
HAVING AVG(E.SALARY) <10000;
```

	SALARY	DEPARTMENT_NAME
1	4400	Administration
2	4150	Purchasing
3	6500	Human Resources
4	5760	IT
5	3475.5555...	Shipping
6	8955.8823...	Sales
7	8601.3333...	Finance
8	9500	Marketing

Q-3 Show Me The List of employees name as of hire date is 17 Sep 2003

```
SELECT * FROM EMPLOYEES WHERE HIRE_DATE <= '17-SEP-03';
```

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
1	100	Steven	King	SKING	515.123.4567	17-JUN-03	AD_PRES	24000	(null)	(null)	90
2	102	Lex	De Haan	LDEHAAN	515.123.4569	13-JAN-01	AD_VP	17000	(null)	100	90
3	108	Nancy	Greenberg	NGREENBE	515.124.4569	17-AUG-02	FI_MGR	12008	(null)	101	100
4	109	Daniel	Faviet	DFAVIET	515.124.4169	16-AUG-02	FI_ACCOUNT	9000	(null)	108	100
5	114	Den	Raphaely	DRAPHEAL	515.127.4561	07-DEC-02	PU_MAN	11000	(null)	100	30
6	115	Alexander	Khoo	AKHOO	515.127.4562	18-MAY-03	PU_CLERK	3100	(null)	114	30
7	122	Payam	Kaufling	PKAUFLIN	650.123.3234	01-MAY-03	ST_MAN	7900	(null)	100	50
8	137	Renske	Ladwig	RLADWIG	650.121.1234	14-JUL-03	ST_CLERK	3600	(null)	123	50
9	200	Jennifer	Whalen	JWHALEN	515.123.4444	17-SEP-03	AD_ASST	4400	(null)	101	10
10	203	Susan	Mavris	SMAVRIS	515.123.7777	07-JUN-02	HR_REP	6500	(null)	101	40
11	204	Hermann	Baer	HBAER	515.123.8888	07-JUN-02	PR_REP	10000	(null)	101	70
12	205	Shelley	Higgins	SHIGGINS	515.123.8080	07-JUN-02	AC_MGR	12008	(null)	101	110
13	206	William	Gietz	WGIEZT	515.123.8181	07-JUN-02	AC_ACCOUNT	8300	(null)	205	110

Q-4 Total Salary Distributed By Company For Each Department Wise Report :

SELECT

```
D.DEPARTMENT_NAME ,
SUM(E.SALARY) FROM EMPLOYEES E JOIN DEPARTMENTS D
ON E.DEPARTMENT_ID=D.DEPARTMENT_ID
GROUP BY D.DEPARTMENT_NAME;
```

	DEPARTMENT_NAME	SUM(E.SALARY)
1	Administration	4400
2	Accounting	20308
3	Purchasing	24900
4	Human Resources	6500
5	IT	28800
6	Public Relations	10000
7	Executive	58000
8	Shipping	156400
9	Sales	304500
10	Finance	51608
11	Marketing	19000

Q-5 Show Data Of Department Whose Having Employess More Than 10;

SELECT

```
D.DEPARTMENT_NAME ,
COUNT(D.DEPARTMENT_NAME)
FROM EMPLOYEES E JOIN DEPARTMENTS D
ON E.DEPARTMENT_ID=D.DEPARTMENT_ID
GROUP BY D.DEPARTMENT_NAME
HAVING COUNT(D.DEPARTMENT_NAME) >5;
```

	DEPARTMENT_NAME	COUNT(D.DEPARTMENT_NAME)
1	Purchasing	6
2	Shipping	45
3	Sales	34
4	Finance	6

Q-6 List The Number Of EMPLOYEES In Each DEPARTMENT, Except The SHIPPING, Sorted High To Low. Only Include DEPARTMENT With 5 Or More EMPLOYEES.

SELECT

```
D.DEPARTMENT_NAME,
COUNT(D.DEPARTMENT_NAME)
FROM DEPARTMENTS D JOIN EMPLOYEES E
ON D.DEPARTMENT_ID = E.DEPARTMENT_ID
WHERE D.DEPARTMENT_NAME <> 'Shipping'
GROUP BY D.DEPARTMENT_NAME
HAVING COUNT(D.DEPARTMENT_NAME) > 5
ORDER BY COUNT(D.DEPARTMENT_NAME) DESC;
```

	DEPARTMENT_NAME	COUNT(D.DEPARTMENT_NAME)
1	Sales	34
2	Finance	6
3	Purchasing	6