

SQL CLASS ASSIGNMENT- III

-- Set II Queries

-- 1. Retrieve a list of MANAGERS.

```
SELECT DISTINCT MGR_ID FROM EMP WHERE MGR_ID IS NOT NULL;
```

Results		Messages
	MGR_ID	
1	7566	
2	7698	
3	7782	
4	7788	
5	7839	
6	7902	

-- 2. Find out the names and salaries of all employees earning more than 1000 per month.

```
SELECT ENAME, SAL FROM EMP WHERE SAL > 1000;
```

Results		Messages
	ENAME	SAL
1	ALLEN	1600.00
2	WARD	1250.00
3	JONES	2975.00
4	MARTIN	1250.00
5	BLAKE	2850.00
6	CLARK	2450.00
7	SCOTT	3000.00
8	KING	5000.00
9	TURNER	1500.00
10	ADAMS	1100.00
11	FORD	3000.00
12	MILLER	1300.00

-- 3. Display the names and salaries of all employees except JAMES.

```
SELECT ENAME, SAL FROM EMP WHERE ENAME <> 'JAMES';
```

Results		Messages
	ENAME	SAL
1	SMITH	800.00
2	ALLEN	1600.00
3	WARD	1250.00
4	JONES	2975.00
5	MARTIN	1250.00
6	BLAKE	2850.00
7	CLARK	2450.00
8	SCOTT	3000.00
9	KING	5000.00
10	TURNER	1500.00
11	ADAMS	1100.00
12	FORD	3000.00
13	MILLER	1300.00

-- 4. Find out the details of employees whose names begin with 'S'.

```
SELECT * FROM EMP WHERE ENAME LIKE 'S%';
```

Results		Messages							
	EMPNO	ENAME	JOB	MGR_ID	HIREDATE	SAL	COMM	DEPTNO	
1	7369	SMITH	CLERK	7902	1980-12-17	800.00	NULL	20	
2	7788	SCOTT	ANALYST	7566	1987-04-19	3000.00	NULL	20	

-- 5. Find out the names of all employees that have 'A' anywhere in their name.

```
SELECT ENAME FROM EMP WHERE ENAME LIKE '%A%';
```

Results		Messages							
	ENAME								
1	ALLEN								
2	WARD								
3	MARTIN								
4	BLAKE								
5	CLARK								
6	ADAMS								
7	JAMES								

-- 6. Find out the names of all employees that have 'L' as their third character in their name.

```
SELECT ENAME FROM EMP WHERE ENAME LIKE '__L%';
```

Results		Messages							
	ENAME								
1	ALLEN								
2	MILLER								

-- 7. Compute daily salary of JONES.

```
SELECT ENAME, SAL / 30 AS DailySalary FROM EMP WHERE ENAME = 'JONES';
```

Results Messages		
	ENAME	DailySalary
1	JONES	99.166666

-- 8. Calculate the total monthly salary of all employees.

```
SELECT SUM(SAL) AS TotalMonthlySalary FROM EMP;
```

Results Messages	
	TotalMonthlySalary
1	29025.00

-- 9. Print the average annual salary.

```
SELECT AVG(SAL * 12) AS AverageAnnualSalary FROM EMP;
```

Results Messages	
	AverageAnnualSalary
1	24878.571428

-- 10. Select the name, job, salary, department number of all employees except SALESMAN from department number 30.

```
SELECT ENAME, JOB, SAL, DEPTNO FROM EMP WHERE JOB <> 'SALESMAN'  
AND DEPTNO = 30;
```

Results		Messages			
	ENAME	JOB	SAL	DEPTNO	
1	BLAKE	MANAGER	2850.00	30	
2	JAMES	CLERK	950.00	30	