ASSIGNMENT – 1

SOHAM DAS

IT, UG-2

002311001004

1. SELECT * FROM EMP;

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO	PHONENO	ADDRESS
7369	SMITH	CLERK	7902	17-DEC-80	800	-	20	-	-
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30	-	-
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30	-	-
7566	JONES	MANAGER	7839	02-APR-81	2975	-	20	-	-
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30	-	-
7698	BLAKE	MANAGER	7839	01-MAY-81	2850	-	30	-	-
7782	CLARK	MANAGER	7839	09-JUN-81	2450	-	10	-	-
7788	SCOTT	ANALYST	7566	19-APR-87	3000	-	20	-	-
7839	KING	PRESIDENT	-	17-NOV-81	5000	-	10	-	-
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30	-	-
7876	ADAMS	CLERK	7788	23-MAY-87	1100	-	20	-	-
7900	JAMES	CLERK	7698	03-DEC-81	950	-	30	-	-
7902	FORD	ANALYST	7566	03-DEC-81	3000	-	20	-	-
7934	MILLER	CLERK	7782	23-JAN-82	1300	-	10	-	-

2. SELECT DEPTNO, DNAME FROM DEPT;

DEPTNO	DNAME
10	ACCOUNTING
20	RESEARCH
30	SALES
40	OPERATIONS

3. SELECT EMPNO, ENAME, DEPTNO FROM EMP WHERE DEPTNO = 20;

EMPNO	ENAME	DEPTNO
7369	SMITH	20
7566	JONES	20
7788	SCOTT	20
7876	ADAMS	20
7902	FORD	20

4. SELECT * FROM EMP ORDER BY DEPTNO DESC;

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO	PHONENO	ADDRESS
7698	BLAKE	MANAGER	7839	01-MAY-81	2850	-	30	-	-
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30	-	-
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30	-	-
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30	-	-
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30	-	-
7900	JAMES	CLERK	7698	03-DEC-81	950	-	30	-	-
7788	SCOTT	ANALYST	7566	19-APR-87	3000	-	20	-	-
7566	JONES	MANAGER	7839	02-APR-81	2975	-	20	-	-
7369	SMITH	CLERK	7902	17-DEC-80	800	-	20	-	-
7876	ADAMS	CLERK	7788	23-MAY-87	1100	-	20	-	-
7902	FORD	ANALYST	7566	03-DEC-81	3000	-	20	-	-
7839	KING	PRESIDENT	-	17-NOV-81	5000	-	10	-	-
7934	MILLER	CLERK	7782	23-JAN-82	1300	-	10	-	-
7782	CLARK	MANAGER	7839	09-JUN-81	2450	-	10	-	-

5. SELECT DISTINCT JOB FROM EMP;

JOB
CLERK
SALESMAN
ANALYST
MANAGER
PRESIDENT

6. SELECT ENAME, SAL*12 AS "ANNUAL SALARY", DEPTNO FROM EMP WHERE JOB = 'CLERK' AND DEPTNO = 20;

ENAME	ANNUAL SALARY	DEPTNO
SMITH	9600	20
ADAMS	13200	20

7. SELECT ENAME, HIREDATE FROM EMP WHERE ENAME LIKE 'S%' OR ENAME LIKE '_C%';

ENAME	HIREDATE
SMITH	17-DEC-80
SCOTT	19-APR-87

8. SELECT ENAME, HIREDATE, SAL FROM EMP WHERE JOB !='MANAGER';

ENAME	HIREDATE	SAL
SMITH	17-DEC-80	800
ALLEN	20-FEB-81	1600
WARD	22-FEB-81	1250
MARTIN	28-SEP-81	1250
SCOTT	19-APR-87	3000
KING	17-NOV-81	5000
TURNER	08-SEP-81	1500
ADAMS	23-MAY-87	1100
JAMES	03-DEC-81	950
FORD	03-DEC-81	3000
MILLER	23-JAN-82	1300

9. SELECT INITCAP(ENAME) AS TitleCaseName, LENGTH(ENAME) AS NameLength FROM EMP;

TITLECASENAME	NAMELENGTH
Smith	5
Allen	5
Ward	4
Jones	5
Martin	6
Blake	5
Clark	5
Scott	5
King	4
Turner	6
Adams	5
James	5
Ford	4
Miller	6

10. SELECT ENAME FROM EMP WHERE SAL BETWEEN 4000 AND 6000;

ENAME
KING