**Employee Database Schema:**

**Employee:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Datatype** | **Width** | **Constraint** | **Description** |
| Empno | number | 4 | Primary Key | Employee Number |
| Ename | varchar | 20 |  | Employee Name |
| Job | Char | 12 |  | Designation |
| Mgr | Number | 4 |  | Manager number |
| Hiredate | Date |  |  |  |
| Sal | Number | (8,2) |  | Salary |
| Comm | Number | (6,2) |  |  |
| Deptno | Number | 2 | Foreign Key | Department Number |

**Dept:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name** |  | **Datatype** | **Width** | **Constraint** | **Description** |
| Deptno |  | Number | 2 | Primary Key | Department Number |
| Dname |  | varchar | 12 |  | Department Name |
| Loc |  | Char | 10 |  | Location |

**Salgrade:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name** |  | **Datatype** | **Width** | **Constraint** | **Description** |
| Grade |  | Number | 1 |  | Grade |
| Hisal |  | Number | 4 |  | Upper scale of salary |
| Losal |  | Number | 5 |  | Lower scale of salary |

**Employee Database**

**EMP:**

EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

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

**DEPT:**

DEPTNO DNAME LOC

10 ACCOUNTING NEW YORK

20 RESEARCH DALLAS

30 SALES CHICAGO

40 OPERATIONS BOSTON

**SALGRADE:**

GRADE LOSAL HISAL

1 700 1200

2 1201 1400

3 1401 2000

4 2001 3000

5 3001 9999