

--DEPT TABLE:-

```
[I]CREATE TABLE "SCOTT"."DEPT"  
(  
    "DEPTNO" NUMBER(2,0),  
    "DNAME" VARCHAR2(14),  
    "LOC" VARCHAR2(13),  
    CONSTRAINT "PK_DEPT" PRIMARY KEY ("DEPTNO")  
    USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS  
    STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  
    PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT  
    CELL_FLASH_CACHE DEFAULT)  
    TABLESPACE "SYSTEM" ENABLE  
    ) SEGMENT CREATION IMMEDIATE  
    PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING  
    STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  
    PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT  
    CELL_FLASH_CACHE DEFAULT)  
    TABLESPACE "SYSTEM" ;
```

--EMP TABLE:-

```
[II] CREATE TABLE "SCOTT"."EMP"  
(  
    "EMPNO" NUMBER(4,0),  
    "ENAME" VARCHAR2(10),  
    "JOB" VARCHAR2(9),  
    "MGR" NUMBER(4,0),  
    "HIREDATE" DATE,  
    "SAL" NUMBER(7,2),  
    "COMM" NUMBER(7,2),  
    "DEPTNO" NUMBER(2,0),  
    CONSTRAINT "PK_EMP" PRIMARY KEY ("EMPNO")  
    USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS  
    STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  
    PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT  
    CELL_FLASH_CACHE DEFAULT)  
    TABLESPACE "SYSTEM" ENABLE,  
    CONSTRAINT "FK_DEPTNO" FOREIGN KEY ("DEPTNO")  
    REFERENCES "SCOTT"."DEPT" ("DEPTNO") ENABLE  
    ) SEGMENT CREATION IMMEDIATE  
    PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING  
    STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  
    PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT  
    CELL_FLASH_CACHE DEFAULT)  
    TABLESPACE "SYSTEM" ;
```

--BONUS TABLE:-

```
[III]CREATE TABLE "SCOTT"."BONUS"  
(  
    "ENAME" VARCHAR2(10),  
    "JOB" VARCHAR2(9),  
    "SAL" NUMBER,  
    "COMM" NUMBER  
    ) SEGMENT CREATION IMMEDIATE  
    PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING  
    TABLESPACE "SYSTEM" ;
```

--SALGRADE TABLE :-

```
[IV] CREATE TABLE "SCOTT"."SALGRADE"
(
    "GRADE" NUMBER,
    "LOSAL" NUMBER,
    "HISAL" NUMBER
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT
CELL_FLASH_CACHE DEFAULT)
TABLESPACE "SYSTEM" ;
```

```
[v] --Get list of all tables in Oracle(Currently logged in USER_TABLES)
SELECT table_name FROM user_tables;
```

```
[VI] --[Parent(DEPT) Table of EMP Table]INSERT DATA INTO DEPT TABLE FIRST THEN EMP TABLE-
INSERT INTO dept (deptno, dname, loc) VALUES (10,'ACCOUNTING','NEWYORK');
INSERT INTO dept(deptno, dname, loc) VALUES (20,'RESEARCH','DALLAS');
INSERT INTO dept (deptno, dname, loc) VALUES (30, 'SALES','CHICAGO');
INSERT INTO dept (deptno, dname, loc) VALUES (40, 'OPERATIONS','BOSTON');
```

[VII]--INSERT DATA INTO EMP TABLE :-

```
INSERT INTO EMP (empno, ename, job,mgr,hiredate,sal,comm,deptno) VALUES (7369,
'SMITH','CLERK',7902,to_date('12/17/1980','MM/DD/YYYY'),800.00,null,20);
```

```
INSERT INTO EMP(empno, ename,job,mgr,hiredate,sal,comm,deptno) VALUES (7499,
'ALLEN','SALESMAN',7698,to_date('2/20/1981','MM/DD/YYYY'),1600.00,300.00,30);
```

```
INSERT INTO EMP (empno, ename, job,mgr,hiredate,sal,comm,deptno) VALUES (7521,
'WARD','SALESMAN',7698,to_date('2/22/1981','MM/DD/YYYY'),1250.00,500.00,30);
```

```
INSERT INTO EMP(empno, ename, job,mgr,hiredate,sal,comm,deptno) VALUES (7566,
'JONES','MANAGER',7839,to_date('4/2/1981','MM/DD/YYYY'),2975.00,null,20);
```

```
INSERT INTO EMP (empno, ename, job,mgr,hiredate,sal,comm,deptno) VALUES (7654,
'MARTIN','SALESMAN',7698,to_date('9/28/1981','MM/DD/YYYY'),1250.00,1400.00,30);
```

```
INSERT INTO EMP(empno, ename, job,mgr,hiredate,sal,comm,deptno) VALUES (7698,
'BLAKE','MANAGER',7839,to_date('5/1/1981','MM/DD/YYYY'),2850.00,null,30);
```

```
INSERT INTO EMP (empno, ename, job,mgr,hiredate,sal,comm,deptno) VALUES (7782,
'CLARK','MANAGER',7839,to_date('6/9/1981','MM/DD/YYYY'),2450.00,null,10);
```

```
INSERT INTO EMP (empno, ename, job,mgr,hiredate,sal,comm,deptno) VALUES
(7788,'SCOTT','ANALYST',7566,to_date('4/19/1987','MM/DD/YYYY'),3000.00,null,20);
```

```
INSERT INTO EMP (empno, ename, job,mgr,hiredate,sal,comm,deptno) VALUES
(7839,'KING','PRESIDENT',null,to_date('11/17/1981','MM/DD/YYYY'),5000.00,null,10);
```

```
INSERT INTO EMP (empno, ename, job,mgr,hiredate,sal,comm,deptno) VALUES
(7844,'TURNER','SALESMAN',7698,to_date('9/8/1981','MM/DD/YYYY'),1500.00,0.00,30);
```

```
INSERT INTO EMP (empno, ename, job,mgr,hiredate,sal,comm,deptno) VALUES
(7876,'ADAMS','CLERK',7788,to_date('5/23/1987','MM/DD/YYYY'),1100.00,null,20);
```

```
INSERT INTO EMP (empno, ename, job,mgr,hiredate,sal,comm,deptno) VALUES  
(7900,'JAMES','CLERK',7698,to_date('12/3/1981','MM/DD/YYYY'),950.00,null,30);
```

```
INSERT INTO EMP (empno, ename, job,mgr,hiredate,sal,comm,deptno) VALUES  
(7902,'FORD','ANALYST',7566,to_date('12/3/1981','MM/DD/YYYY'),3000.00,null,20);
```

```
INSERT INTO EMP (empno, ename, job,mgr,hiredate,sal,comm,deptno) VALUES  
(7934,'MILLER','CLERK',7782,to_date('1/23/1982','MM/DD/YYYY'),1300.00,null,10);
```

[VIII]--INSERT DATA INTO SALGRADE TABLE:-

```
INSERT INTO salgrade(grade,losal,hisal)values(1,700,1200);
```

```
INSERT INTO salgrade(grade,losal,hisal)values(2,1201,1400);
```

```
INSERT INTO salgrade(grade,losal,hisal)values(3,1401,2000);
```

```
INSERT INTO salgrade(grade,losal,hisal)values(4,2001,3000);
```

```
INSERT INTO salgrade(grade,losal,hisal)values(5,3001,9999);
```