

Spool File For Oracle Students Prepared By Mr.Balram

```
SQL> ----ON-THE-FLY-TABLES-----
SQL> CREATE TABLE SAMPDEPT01
  2 AS
  3 SELECT * FROM DEPT;
```

Table created.

```
SQL> SELECT * FROM SAMPDEPT01;
```

DEPTNO	DNAME	LOC
10	ACCOUNTING	NEW YORK
20	RESEARCH	DALLAS
30	SALES	CHICAGO
40	OPERATIONS	BOSTON

```
SQL> CREATE TABLE SAMPDEPT02
  2 (
  3 DEPTID,
  4 DEPTNAME,
  5 PLACE
  6 )
  7 AS
  8 SELECT DEPTNO,DNAME,LOC
  9 FROM DEPT;
```

Table created.

```
SQL> DESC SAMPDEPT02;
```

Name	Null?	Type
DEPTID		NUMBER (2)
DEPTNAME		VARCHAR2 (14)
PLACE		VARCHAR2 (13)

```
SQL> SELECT * FROM SAMPDEPT02;
```

DEPTID	DEPTNAME	PLACE
10	ACCOUNTING	NEW YORK
20	RESEARCH	DALLAS
30	SALES	CHICAGO
40	OPERATIONS	BOSTON

```
SQL> --Creating On-The-Fly Tables With Required Columns--
```

```
SQL> CREATE TABLE SAMPDEPT03
  2 AS
  3 SELECT
  4 DEPTNO,
  5 DNAME
  6 FROM DEPT;
```

Table created.

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SQL> DESC SAMPDEPT03;

Name	Null?	Type
DEPTNO		NUMBER(2)
DNAME		VARCHAR2(14)

SQL> SELECT * FROM SAMPDEPT03;

DEPTNO	DNAME
10	ACCOUNTING
20	RESEARCH
30	SALES
40	OPERATIONS

SQL> CREATE TABLE SAMPDEPT04

```
2  (  
3  DEPTID,  
4  DEPTNAME  
5  )  
6  AS  
7  SELECT  
8  DEPTNO,  
9  DNAME  
10 FROM DEPT;
```

Table created.

SQL> DESC SAMPDEPT04;

Name	Null?	Type
DEPTID		NUMBER(2)
DEPTNAME		VARCHAR2(14)

SQL> SELECT * FROM SAMPDEPT04;

DEPTID	DEPTNAME
10	ACCOUNTING
20	RESEARCH
30	SALES
40	OPERATIONS

SQL> CREATE TABLE SAMPDEPT05

```
2  (  
3  DEPTID,  
4  DEPTNAME,  
5  DEPTBUDGET  
6  )  
7  AS  
8  SELECT
```

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```
9  D.DEPTNO,
10 D.DNAME,
11 SUM(E.SAL)
12 FROM EMP E,DEPT D
13 WHERE E.DEPTNO=D.DEPTNO
14 GROUP BY D.DEPTNO,D.DNAME;
```

Table created.

```
SQL> DESC SAMPDEPT05;
```

Name	Null?	Type
DEPTID		NUMBER(2)
DEPTNAME		VARCHAR2(14)
DEPTBUDGET		NUMBER

```
SQL> SELECT * FROM SAMPDEPT05;
```

DEPTID	DEPTNAME	DEPTBUDGET
10	ACCOUNTING	8750
20	RESEARCH	10875
30	SALES	9400

```
SQL> CREATE TABLE MYEMP01
```

```
2 AS
3 SELECT * FROM EMP
4 WHERE 1=2;
```

Table created.

```
SQL> DESC MYEMP01;
```

Name	Null?	Type
EMPNO		NUMBER(4)
ENAME		VARCHAR2(10)
JOB		VARCHAR2(9)
MGR		NUMBER(4)
HIREDATE		DATE
SAL		NUMBER(7,2)
COMM		NUMBER(7,2)
DEPTNO		NUMBER(2)

```
SQL> SELECT * FROM MYEMP01;
```

no rows selected

```
SQL> ----INDEX ORGANIZED TABLE----
```

```
SQL>
```

```
SQL> CREATE TABLE Sample
```

```
2 (
3 SampID NUMBER(4),
```

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```
4  SampName  VARCHAR2(20),  
5  SampDate  DATE,  
6  CONSTRAINT SampIDSampNamePK PRIMARY KEY (SampID, SampName)  
7  ) ORGANIZATION INDEX;
```

Table created.

SQL> SPOOL OFF

Oracle 11g(SQL) By Balram