

Academy Of Technology, Adisaptagram CSE		
DBMS LAB(CS691)	LAB ASSIGNMENT	Doc No.: AOT/CSE/691
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Assignment-3

Create table **dept** with the following attributes:

Column name	Data type(size)	Constraints
dept_id	number(3)	primary key
dept_name	varchar2(15)	-----

Insert 4 depts with names and id's 90, 69, 100 and 110.

Create table **cust_100** with the following attributes:

Column name	Data type(size)	Constraints
emp_id	number(3)	Primary key
first_name	varchar2(10)	Initial letter capital
last_name	varchar2(10)	Initial letter capital and not null
e_mail	varchar2(20)	All upper case
ph_no	varchar2(15)	-----
hire_date	Date	Should be > than 01-jan-1980
job_id	varchar2(10)	Must begin with FI or AD or IT
salary	number(8,2)	≥ 4000 & ≤ 25000
mgr_id	number(3)	-----
dept_id	number(3)	Foreign key, refer table dept

1. Add 10 records to cust_100
2. Drop column mgr_id
3. Add column mgr_id and make it self referenced such that first 4 id's correspond to first emp_id, next 4 correspond to fifth emp_id and the last 2 correspond to the ninth emp_id.

Assignment-4

1. Oracle table DUAL
2. Types of functions
3. Numeric Functions
(ABS,POWER,ROUND,SQRT,EXP,GREATEST,LEAST,MOD,TRUNC,FLOOR,CEIL)
4. String Functions
(LOWER,UPPER,SUBSTR,INSTR,LPAD,RPAD,TRIM,LTRIM,RTRIM,LENGTH,INITCAP,SOUNDEX)
5. Conversion Functions
(TO_CHAR, TO_NUMBER,TO_DATE)
6. Date Functions
(SYSDATE, SYSTIMESTAMP, ADD_MONTHS, LAST_DAY, MONTHS_BETWEEN, NEXT_DAY, ROUND)

Create the following tables with the data types and constraints

sailor:

Attribute	Datatype	Constraints
SID	varchar2(4)	primary key and start with small s
SNAME	varchar2(15)	initial letter capital
MNAME	varchar2(15)	