**Name – Ayush Mondal**

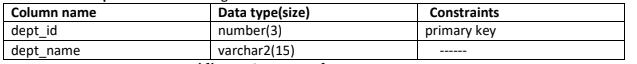
**Course – B.Tech (CSE)**

**Enrollment No – 2011200001017**

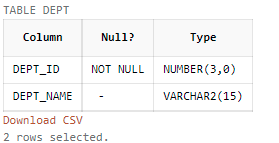
**Registration No – 200010170880**

**DBMS (ASSIGNMENT 3)**

1. Create table dept with the following attributes:



create table dept(dept\_id number(3) primary key,dept\_name varchar2(15) check( dept\_name = initcap(dept\_name)));



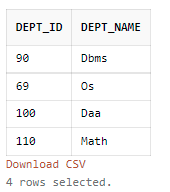
1. Insert 4 depts with names and id’s 90, 69, 100 and 110.

insert into dept(dept\_id , dept\_name) values(90 , 'Dbms');

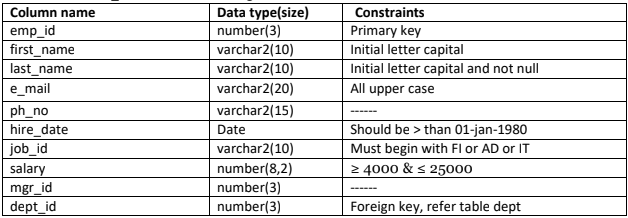
insert into dept(dept\_id , dept\_name) values(69 , 'Os');

insert into dept(dept\_id , dept\_name) values(100 , 'Daa');

insert into dept(dept\_id , dept\_name) values(110 , 'Math');



1. Create table cust\_100 with the following attributes:



create table cust\_100

(

emp\_id number(3) primary key,

first\_name varchar2(10) check(first\_name = initcap(first\_name)),

last\_name varchar2(10) check(last\_name = initcap(last\_name)) NOT NULL,

email varchar2(20) check(email = UPPER(email)),

hire\_date date check(hire\_date > '1-Jan-1980'),

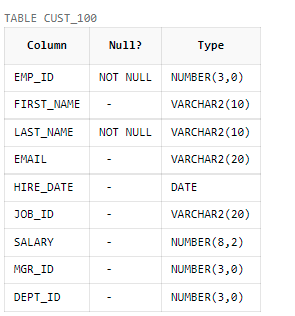
job\_id varchar2(20) check(job\_id like '%FI' or job\_id like '%AD' or job\_id like '%IT'),

salary number(8,2) check(salary >= 4000 and salary <= 25000),

mgr\_id number(3),

dept\_id number(3) references dept(dept\_id)

);



1. Add 10 records to cust\_100

insert into cust\_100(emp\_id ,first\_name,last\_name ,email,hire\_date ,job\_id ,salary,mgr\_id ,dept\_id )

values(1,'Ayush','Mondal','AYUSHMONDAL@GAMIL',to\_date('22/07/2002','dd/mm/yyyy'),'FI',25000,123,100);

insert into cust\_100(emp\_id ,first\_name,last\_name ,email,hire\_date ,job\_id ,salary,mgr\_id ,dept\_id )

values(2,'Ram','Singh','HELLOBOY@YAHOOMAIL',to\_date('05/08/2001','dd/mm/yyyy'),'AD',8000,534,69);

insert into cust\_100(emp\_id ,first\_name,last\_name ,email,hire\_date ,job\_id ,salary,mgr\_id ,dept\_id )

values(3,'Alam','Shah','CRYPTO@YAHOO',to\_date('12/04/1999','dd/mm/yyyy'),'IT',15000,443,110);

insert into cust\_100(emp\_id ,first\_name,last\_name ,email,hire\_date ,job\_id ,salary,mgr\_id ,dept\_id )

values(4,'Jai','Shetty','GOLDEN@YAHOO',to\_date('25/12/1992','dd/mm/yyyy'),'AD',22000,345,90);

insert into cust\_100(emp\_id ,first\_name,last\_name ,email,hire\_date ,job\_id ,salary,mgr\_id ,dept\_id )

values(5,'Dhar','Mann','DMGSTUDIOS@YAHOO',to\_date('11/11/2011','dd/mm/yyyy'),'FI',4000,734,110);

insert into cust\_100(emp\_id ,first\_name,last\_name ,email,hire\_date ,job\_id ,salary,mgr\_id ,dept\_id )

values(6,'Rocky','Bhai','DHAKA@YAHOO',to\_date('16/04/1987','dd/mm/yyyy'),'IT',8000,553,100);

insert into cust\_100(emp\_id ,first\_name,last\_name ,email,hire\_date ,job\_id ,salary,mgr\_id ,dept\_id )

values(7,'Ajay','Devgn','GAANEDO@YAHOO',to\_date('02/04/1988','dd/mm/yyyy'),'FI',24000,872,90);

insert into cust\_100(emp\_id ,first\_name,last\_name ,email,hire\_date ,job\_id ,salary,mgr\_id ,dept\_id )

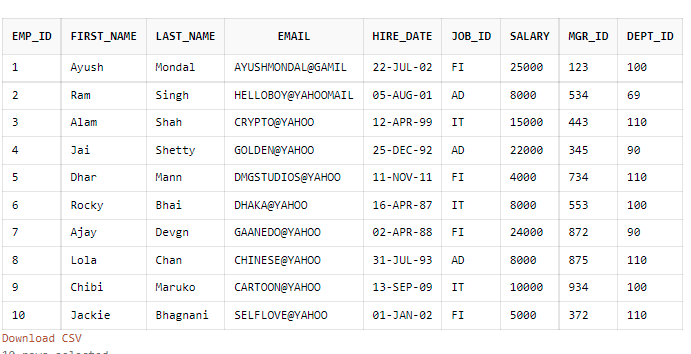
values(8,'Lola','Chan','CHINESE@YAHOO',to\_date('31/07/1993','dd/mm/yyyy'),'AD',8000,875,110);

insert into cust\_100(emp\_id ,first\_name,last\_name ,email,hire\_date ,job\_id ,salary,mgr\_id ,dept\_id )

values(9,'Chibi','Maruko','CARTOON@YAHOO',to\_date('13/09/2009','dd/mm/yyyy'),'IT',10000,934,100);

insert into cust\_100(emp\_id ,first\_name,last\_name ,email,hire\_date ,job\_id ,salary,mgr\_id ,dept\_id )

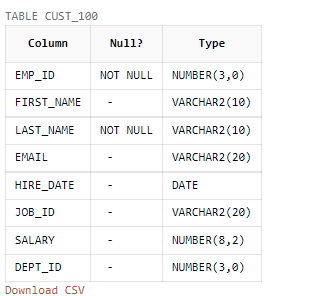
values(10,'Jackie','Bhagnani','SELFLOVE@YAHOO',to\_date('01/01/2002','dd/mm/yyyy'),'FI',5000,372,110);



1. Drop column mrg\_id

alter table cust\_100

drop column mgr\_id;



1. 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.

alter table cust\_100

add mgr\_id number(3) references cust\_100(emp\_id)

update cust\_100

set mgr\_id = (select emp\_id from cust\_100 where last\_name = 'Mondal')

where emp\_id between 1 and 4;

update cust\_100

set mgr\_id = (select emp\_id from cust\_100 where last\_name = 'Mann')

where emp\_id between 5 and 8;

update cust\_100

set mgr\_id = (select emp\_id from cust\_100 where last\_name = 'Maruko')

where emp\_id between 9 and 10;

