Sql HOMEWORK

--data type

1.numeric

-->int

-->double

-->decimal

-->float

-->number

-->number(6) --->6-bytes eg 666666

-->number(8,2) ---->888888.88

2.character

-->char() ------> will occupy null space---->2000bytes -------char(20) julie+15 resesrve

-->varchar() -------> 2000bytes now deprecated

-->varchar2() ------->4000bytes but will not occupy the null spaces .............. eg varchar2(20) julie ----5 15released

3.date ---> default 12-july-2020 --->to-date('01/25/2001','mm/dd/yyyy')

4.lob ---------->large object-----it will support more than 4000bytes character ----> clob and blob -----clob-character large object blob ------binary large object

--ddl

--create

create table student\_DB(reg\_id number(10), student\_name varchar2(25), gender varchar2(7),

city varchar2(30), dob date);

SELECT \* from student\_DB;

insert into student\_DB(reg\_id,student\_name,gender,city,dob) values(001,john,male,ooty,to-date('08/27/2000',mm/dd/yyyy);

create table student(id number(10), name varchar2(26));

insert into student(id,name) values(001,'julie');

insert into student values(002,'john');

insert into student values(003,null);

insert into student values(null,"rani");

select \* from student;

create table student(id number(10), name varchar2(26));

insert into student(id,name) values(001,'julie');

insert into student values(002,'john');

insert into student values(003,null);

insert into student values(null,"rani");

update student set name = 'joice' where id = 3;

alter table student add city column varchar2(30);

insert into student values(004,'lisa','chennai');

update student set city = "ooty";

alter table student add mob\_no column number(12);

update student set mob\_no = 3333333;

select \* from student;

create table student\_info as select \* from student;

--truncate table student;

--alter table student\_info modify id number(15);

--select \* from student\_info;

--insert into student(select \* from student\_info);

alter table student rename column mob\_no to phno;

select phno from student;

create table test(no1 number(3), no2 number(3));

insert into test values (2,3);

savepoint a;

insert into test values(55, 7);

savepoint b;

insert into test values (43,9);

savepoint c;

insert into test values (1,1);

savepoint d;

insert into test values (25,35);

savepoint e;

rollback to c;

select \* from test;

create table emp

(

emp\_id number, name varchar2(30), email varchar2(30), dept\_id number(5),

manager\_id number(5)

);

create table dept

(

name varchar2(30), dept\_id number(3), dept\_name varchar2(30)

);

-- select colum name, column name2 from table name , table name 2

-- where table name.column name = table\_name.coulumn name name2

insert into emp values(001,"john", "john@gmail.com", 30,null);

insert into emp values(002,"steven", "steven@gmail.com", 10,1);

insert into emp values(003,"david", "david@gmail.com", 30,1);

insert into emp values(004,"anthony", "anthon@gmail.com", 10,2);

insert into emp values(005,"bruce", "bruc@gmail.com", 20,2);

--insert into emp values(001,"john", "john@gmail.com", 30,null);

-- select \* from emp;

insert into dept values(10,"sales",100);

insert into dept values(20,"MARKETING",100);

insert into dept values(30,"IT",100);

insert into dept values(40,"HR",100);

insert into dept values(50,"finace",100);

select \* from dept;

select emp\_id,d.name,d.dept\_id,dept\_name from emp e,dept d

where e.dept\_id = d.dept\_id;

select emp\_id,e.name,d.dept\_id,dept\_name from emp e,dept d

where e.dept\_id != d.dept\_id;