DBA Practical

1. create user himali identified by himali;

2. select username,account\_status,created from dba\_users where username = 'himali';

3. grant connect to himali;

4. grant resource to himali;

5. select \* from dba\_role\_privs where grantee='himali';

6. conn himali/himali;

7. select \* from user\_role\_privs;

8. conn sys as sysdba

9. create role ROLE1;

10. grant select\_catalog\_role to ROLE1;

11. grant execute\_catalog\_role to ROLE1;

12. grant ROLE1 to himali;

13. select \* from role\_role\_privs where role='ROLE1';

14. select \* from user\_role\_privs;

15. create table product\_price\_history (product\_id number(5),product\_name varchar2(32),supplier\_name varchar2(32), unit\_price number(7,2));

16. create table product (product\_id number(5), product\_name varchar2(32), supplier\_name varchar2(32), unit\_price number(7,2));

17. create trigger price\_history\_trigger

before update of unit\_price on product

for each row

begin

insert into product\_price\_history values(:old.product\_id, :old.product\_name, :old.supplier\_name, :old.unit\_price);

end;

18. insert into product values(112,'Keyboard','john',1200);

19. select \*from product;

20. update product set unit\_price=1300 where product\_id=112;

**Create procedure**

create or replace procedure greeting

AS

begin

dbms\_output.put\_line('hello World');

end;

begin

greeting;

end;

**pass variable in procedure**

create or replace procedure P\_120

IS

var\_name varchar2(40):='Hey';

var\_dep varchar2(40):='Database';

begin

dbms\_output.put\_line('hello I am '||var\_name||' from '||var\_dep);

end P\_120;

begin

P\_120;

end;

**IN & OUT MODE**

Declare

a number;

b number;

c number;

procedure findMin(x IN number, y IN number, z OUT number) IS

begin

IF x<y THEN

z:=x;

else

z:=y;

end if;

end;

begin

a:=23;

b:=4;

findMin(a,b,c);

dbms\_output.put\_line('Minimum of (23,4):'||c);

end;

cube of a number

factorial of a number