**TOP GLASS:**

CREATE OR REPLACE PROCEDURE topglass

a number;

b number;

c number;

d number;

BEGIN

SELECT count(glasstype) into a from glass\_details where glasstype='Tempered Glass';

SELECT count(glasstype) into b from glass\_details where glasstype='Ceramic Glass';

SELECT count(glasstype) into c from glass\_details where glasstype='Mirror Glass';

SELECT count(glasstype) into d from glass\_details where glasstype='Annealed Glass';

if a>b and a>c and a>d then dbms\_output.put\_line('Tempered Glass');

else if b>a and b>c and b>d then dbms\_output.put\_line('Ceramic Glass');

else if c>a and c>b and c>d then dbms\_output.put\_line('Mirror Glass');

else if d>a and d>b and d>c then dbms\_output.put\_line('Annealed Glass');

end if;

end if;

end if;

end if;

END;

/

**Method 2:**

SELECT a.glasstype

from(select count(\*) as TOTAL, glasstype from glass\_details

group by glasstype) a,

(select MAX(TOTAL) as MAXTOTAL

from (select count(\*) as TOTAL, glasstype from glass\_details

group by glasstype)) b

where a.TOTAL = b.MAXTOTAL

**PROCEDURE FOR DISPLAY ORDER OF A PARTICULAR USER:**

CREATE OR REPLACE PROCEDURE showOrderDetails

is

CURSOR abc

is

SELECT a.order\_id "O\_ID",a.user\_id "U\_ID",b.glasstype "GT" ,b.glassshape "GS",b.glassthickness "GTH",

b.glassdimension "GD",a.order\_date "OD",d.quantity "Q",d.amount "A"

FROM glass\_user\_order a inner join glass\_details b

ON a.glass\_id=b.glass\_id

INNER JOIN glass\_price d

ON a.price\_id=d.price\_id AND b.glasstype='Mirror Glass';

BEGIN

dbms\_output.put\_line(' O\_ID '||' U\_ID '||' GT '||' GS '||' GTH '

||' GD '||' OD '||' Q '||' A ');

for cur in abc

LOOP

dbms\_output.put\_line(cur.O\_ID||' '|| cur.U\_ID||' '|| cur.GT||' '|| cur.GS||' '|| cur.GTH

||' '||cur.GD||' '|| cur.OD||' '|| cur.Q||' '||cur.A);

END LOOP;

END;

/

**VIEW**

CREATE VIEW TopProduct

as

SELECT a.glasstype

from(select count(\*) as TOTAL, glasstype from maaz.glass\_details

group by glasstype) a,

(select MAX(TOTAL) as MAXTOTAL

from (select count(\*) as TOTAL, glasstype from maaz.glass\_details

group by glasstype)) b

where a.TOTAL = b.MAXTOTAL

**VIEW top customer**

CREATE VIEW topcustomer

as

SELECT name from maaz.user\_details

where USER\_ID = (SELECT a.USER\_ID

from(SELECT count(\*) as TOTAL, user\_id from maaz.glass\_user\_order

group by USER\_ID)a, (SELECT max(total) as MAXTOTAL

from (SELECT COUNT(\*) as TOTAL, USER\_ID from maaz.glass\_user\_order group by USER\_ID))b

where a.TOTAL=b.MAXTOTAL)

/

**FUNCTION userappear**

CREATE OR REPLACE FUNCTION userappear(id number) return number

is

a number;

BEGIN

select count(user\_id) into a from glass\_user\_order where user\_id=id;

return a;

END;

/

**TRIGGER myuser**

CREATE OR REPLACE TRIGGER user\_trigger

before delete on user\_details

for each row

BEGIN

INSERT into log VALUES(sysdate, :old.user\_id, :old.name, :old.cnic, :old.cno, :old.city, :old.dateofreg);

END;

/