create table candidate

(seat\_no number(8) default null,

form\_no number(6) primary key,

name varchar2(20),

category varchar2(10),

percentage number(4));

insert into candidate (form\_no,name,category,percentage) values(1,'ASHISH','GENERAL',80);

insert into candidate (form\_no,name,category,percentage) values(2,'RAVI','SEBC',90);

insert into candidate (form\_no,name,category,percentage) values(3,'VIJAY','SC',70);

insert into candidate (form\_no,name,category,percentage) values(4,'KEVAL','ST',50);

insert into candidate (form\_no,name,category,percentage) values(5,'KEVIL','ST',60);

insert into candidate (form\_no,name,category,percentage) values(6,'SURESH','ST',70);

insert into candidate (form\_no,name,category,percentage) values(7,'PARESH','ST',80);

insert into candidate (form\_no,name,category,percentage) values(8,'SAGAR','SC',60);

insert into candidate (form\_no,name,category,percentage) values(9,'HIREN','PH',80);

insert into candidate (form\_no,name,category,percentage) values(10,'ROHIT','GENERAL',90);

insert into candidate (form\_no,name,category,percentage) values(11,'RAHUL','SC',78);

insert into candidate (form\_no,name,category,percentage) values(12,'AKASH','SEBC',85);

insert into candidate (form\_no,name,category,percentage) values(13,'KEYUR','SEBC',90);

insert into candidate (form\_no,name,category,percentage) values(14,'MANAN','SEBC',20);

insert into candidate (form\_no,name,category,percentage) values(15,'RAM','SEBC',30);

declare

cursor c1 is

select \* from candidate

order by category asc,percentage desc;

i candidate.seat\_no%type;

cat candidate.category%type;

begin

i:=11120000;

cat:='GENERAL';

for r1 in c1

loop

if(r1.category<>cat)

then

case

when r1.category='GENERAL'

then i:=11120000;

when r1.category='SC'

then i:=11130000;

when r1.category='ST'

then i:=11140000;

when r1.category='SEBC'

then i:=11150000;

when r1.category='PH'

then i:=11160000;

end case;

end if;

i:=i+1;

update candidate set seat\_no=i

where form\_no=r1.form\_no;

cat:=r1.category;

end loop;

commit;

end;

/

select \* from candidate;