Date:21-10-2022(Assignment)

Q 1:create one table with the name ies college:

create table iescollege

   (sroll varchar2(10),

    sname varchar2(15),

    sphone number(10),

    sadd varchar2(20));

```
SQL> create table iescollege
  2  (
  3      sroll varchar2(10),
  4      stname varchar2(10),
  5      sphone number(10),
  6      sadd varchar2(20));

Table created.
```

Q2: rename the column name stname to sname:

alter table iescollege

   rename column sname to stname;

 Table altered.

```
SQL> alter table iescollege
  2   rename column stname to sname
  3  ;

Table altered.
```

Q3:CHANGE THE RANGE OF THE STUDENT NAME VARCHAR2(10) TO VARCHAR2(15):

ALTER TABLE IESCOLLEGE

2 MODIFY STNAME VARCHAR2(15);

Table altered.

```
SQL> ALTER TABLE IESCOLLEGE
  2  MODIFY STNAME VARCHAR2(15);

Table altered.

SQL>
```

Q4:add the constraint primary key:

ALTER TABLE IESCOLLEGE

2 ADD CONSTRAINT CON1 PRIMARY KEY(SROLL);

```
Table altered.

SQL> ALTER TABLE IESCOLLEGE
  2  ADD CONSTRAINT CON1 PRIMARY KEY(SROLL);

Table altered.

SQL>
```

Q5:RENAME THE TABLE NAME IESCOLLEGE TO IESSTUDENT:

ALTER TABLE IESCOLLEGE

  2 RENAME TO IESSTUDENT;

```
Run SQL Command Line

SQL> ALTER TABLE IESCOLLEGE
  2   RENAME TO IESSTUDENT;

Table altered.

SQL>
```
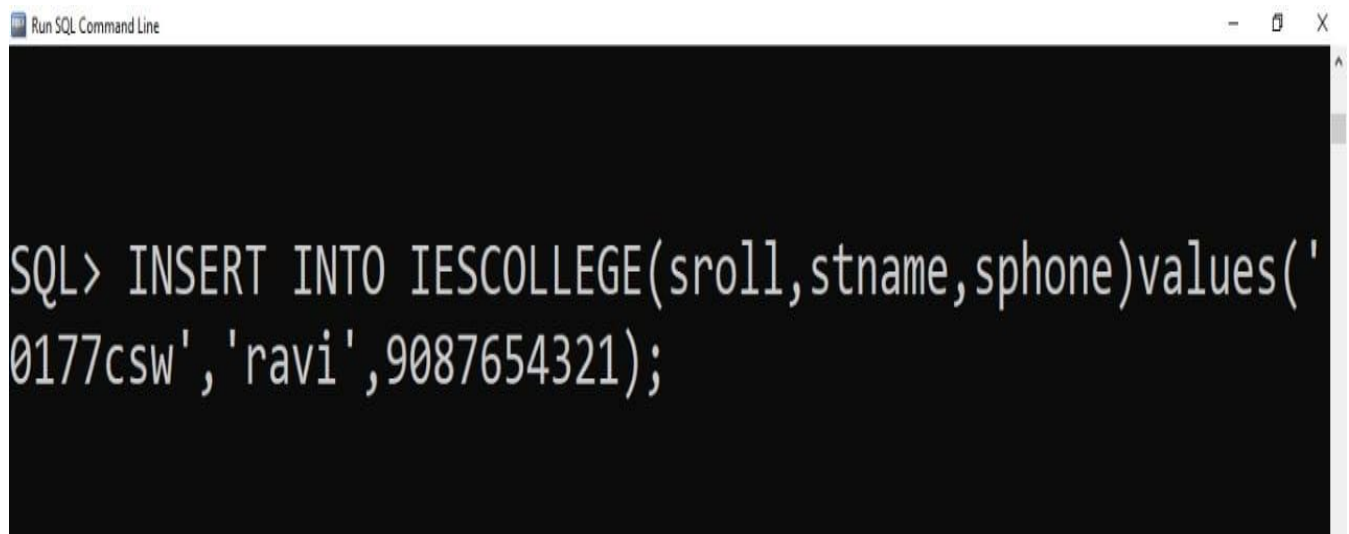
Q6:insert two records

I)insert all records simultaneously:

insert into iescollege values('0177cs19','sonu',8851893256,'bhopal');

1 row created.

SQL> select * from iescollege;

SROLL	STNAME	SPHONE	SADD
0177cs19	sonu	8851893256	bhopal

```
SQL> insert into iescollege values('0177cs19','sonu',8851893256,'bhopal');

1 row created.

SQL> select * from iescollege;

SROLL        STNAME              SPHONE SADD
---------    --------------      ---------- --------------------
0177cs19     sonu                8851893256 bhopal

SQL>
```

Q6(II):ONLY THREE COLUMN:

INSERT INTO IESCOLLEGE(sroll,stname,sphone)values('01
77csw','ravi',9087654321);


```
SQL> INSERT INTO IESCOLLEGE(sroll,stname,sphone)values('
0177csw','ravi',9087654321);
```

Q6(III)USER DEFINES DATA

insert into iescollege
values('&SROLL','&STNAME','&SPHONE','&S
ADD');

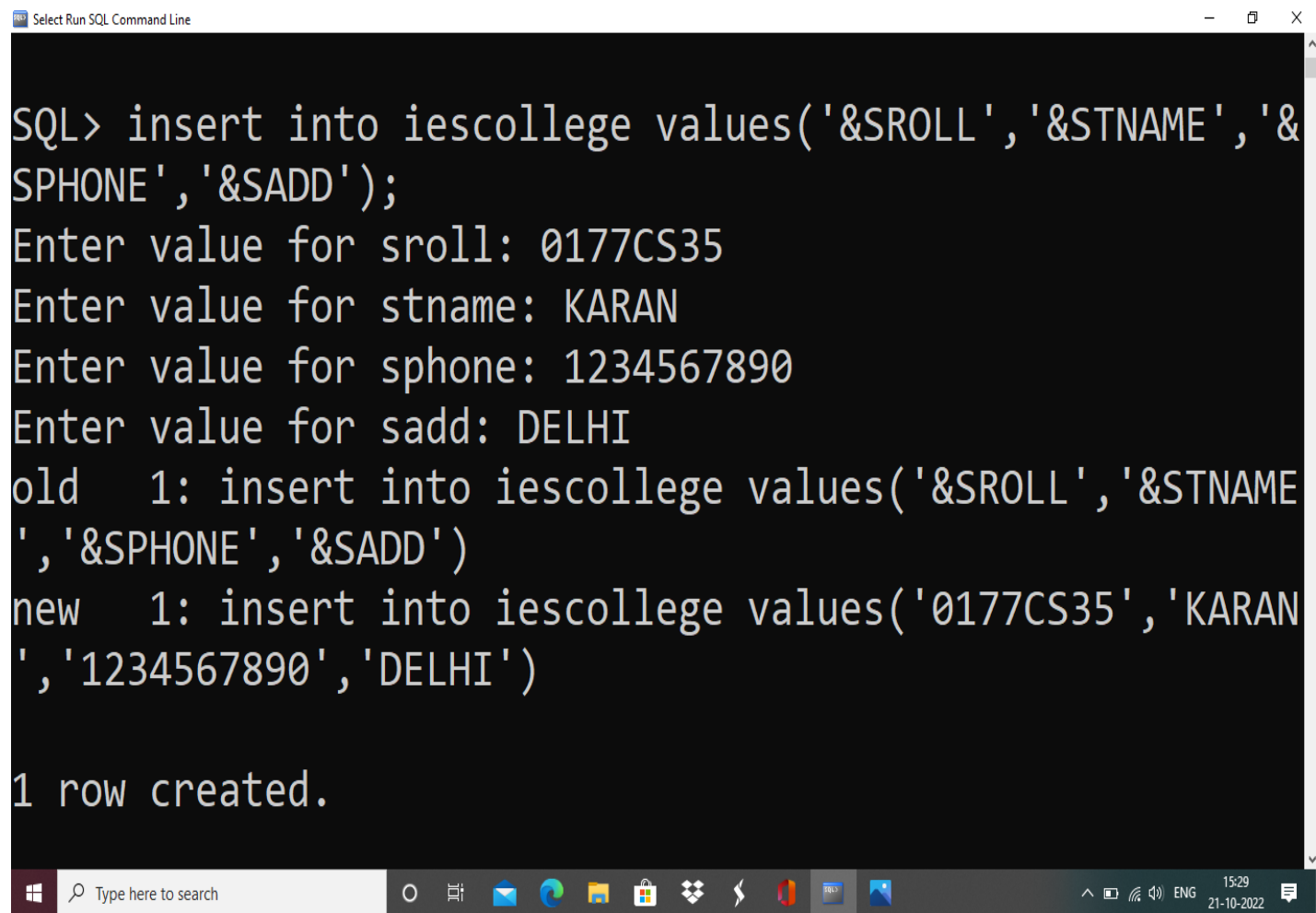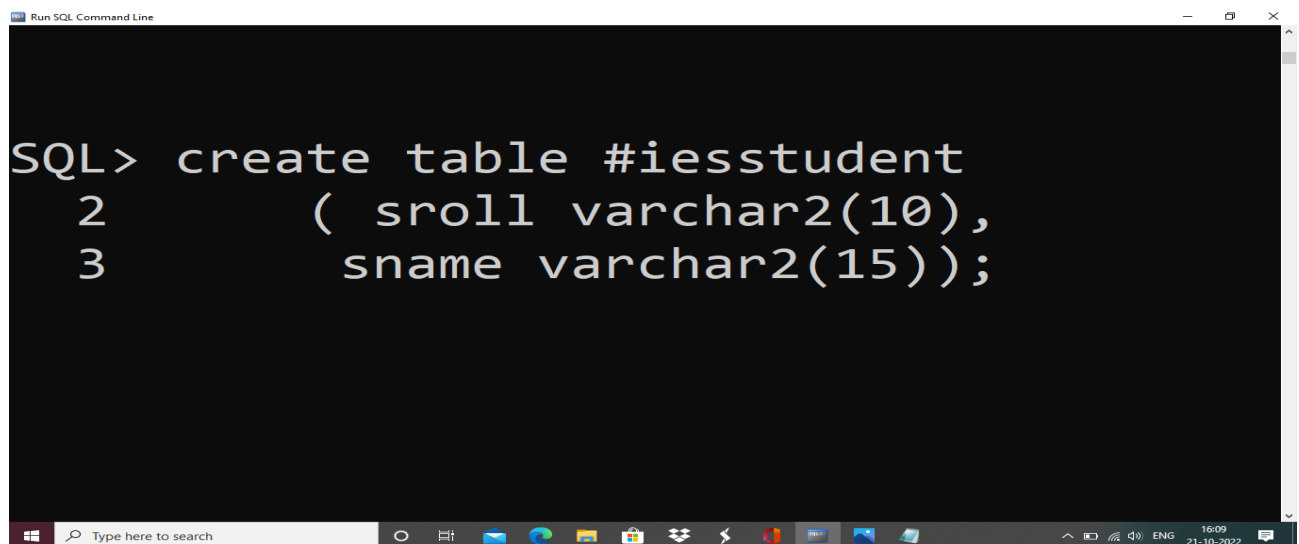Enter value for sroll: 0177CS35

Enter value for stname: KARAN

Enter value for sphone: 1234567890

Enter value for sadd: DELHI

old   1: insert into iescollege values('&SROLL','&STNAME','&SPHONE','&SADD')

new   1: insert into iescollege values('0177CS35','KARAN','1234567890','DELHI')

1 row created.

```
SQL> insert into iescollege values('&SROLL','&STNAME','&
SPHONE','&SADD');
Enter value for sroll: 0177CS35
Enter value for stname: KARAN
Enter value for sphone: 1234567890
Enter value for sadd: DELHI
old    1: insert into iescollege values('&SROLL','&STNAME
','&SPHONE','&SADD')
new    1: insert into iescollege values('0177CS35','KARAN
','1234567890','DELHI')

1 row created.
```

Q7:CREATE ONE DUMMY TABLE OF IESSTUDENT:

create table #iesstudent

   (sroll varchar2(10),

    sname varchar2(15));

```
SQL> create table #iesstudent
  2        ( sroll varchar2(10),
  3          sname varchar2(15));
```

Q8:DELTE THE SECOND ROW
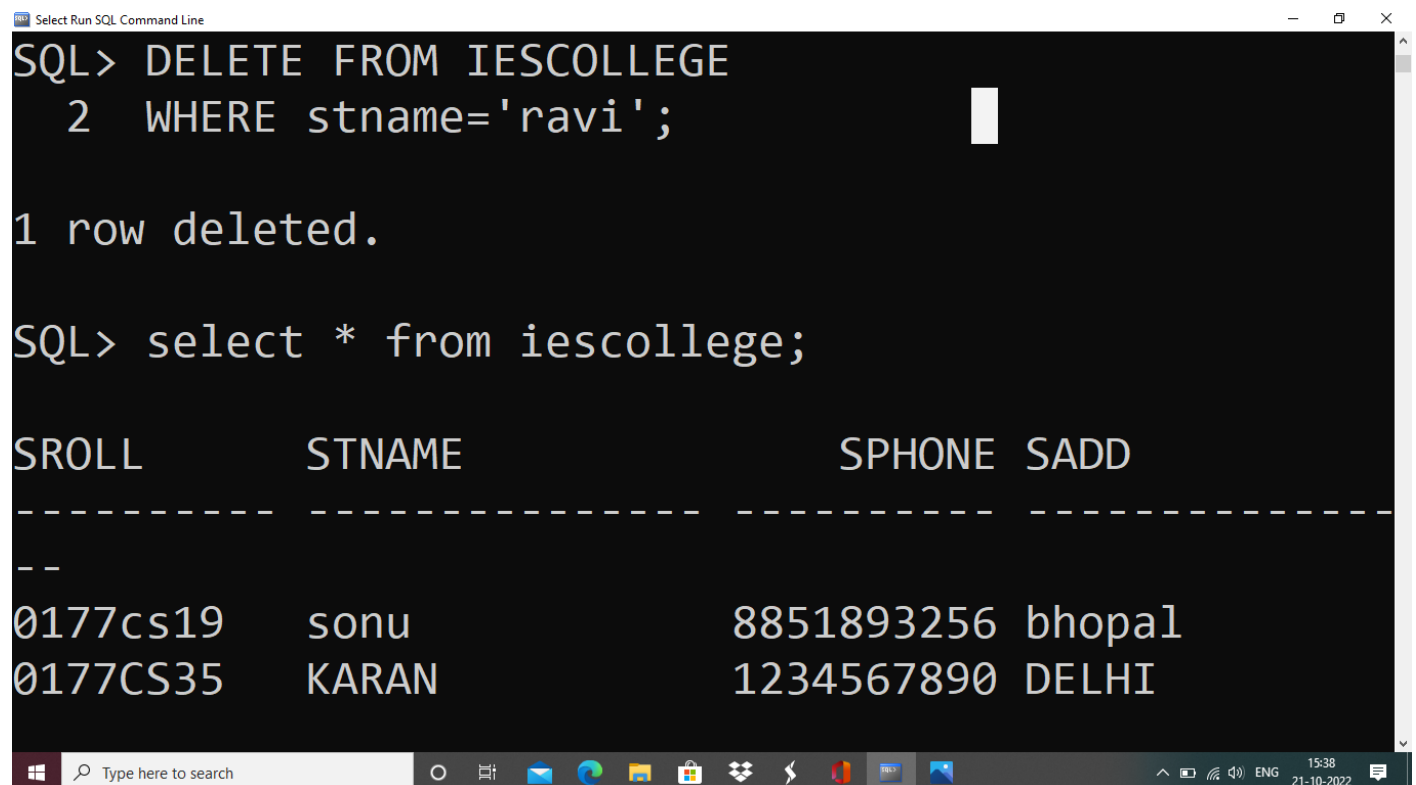
DELETE FROM IESCOLLEGE

 2 WHERE stname='ravi';

1 row deleted.

SQL> select * from iescollege;

SROLL   STNAME   SPHONE SADD

---------- --------------- ---------- --------------------

0177cs19   sonu   8851893256 bhopal

0177CS35   KARAN   1234567890 DELHI

Q9:write a command for drop the table delete the table and truncate purge rollback commit:

truncate table iescollege;

drop table iescollege;

Table dropped.

flashback table iescollege to before drop;

purge table iescollege;

commit;

Commit complete.


```
SQL> commit;

Commit complete.

SQL> _
```

```
SQL> truncate table iescollege;
```

```
SQL> purge table iescollege;
```

```
SQL>   drop table iescollege;

Table dropped.

SQL> flashback table iescollege to before drop;
```