

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      sname varchar2(10),  
5      sphone number(10),  
6      sadd varchar2(20));  
  
Table created.
```

Q2: rename the column name sname to
sname:

alter table iescollege

rename column sname to sname;

Table altered.

Select Run SQL Command Line

```
SQL> alter table iescollege  
2  rename column sname 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.

Run SQL Command Line

```
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);

Run SQL Command Line

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

1)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
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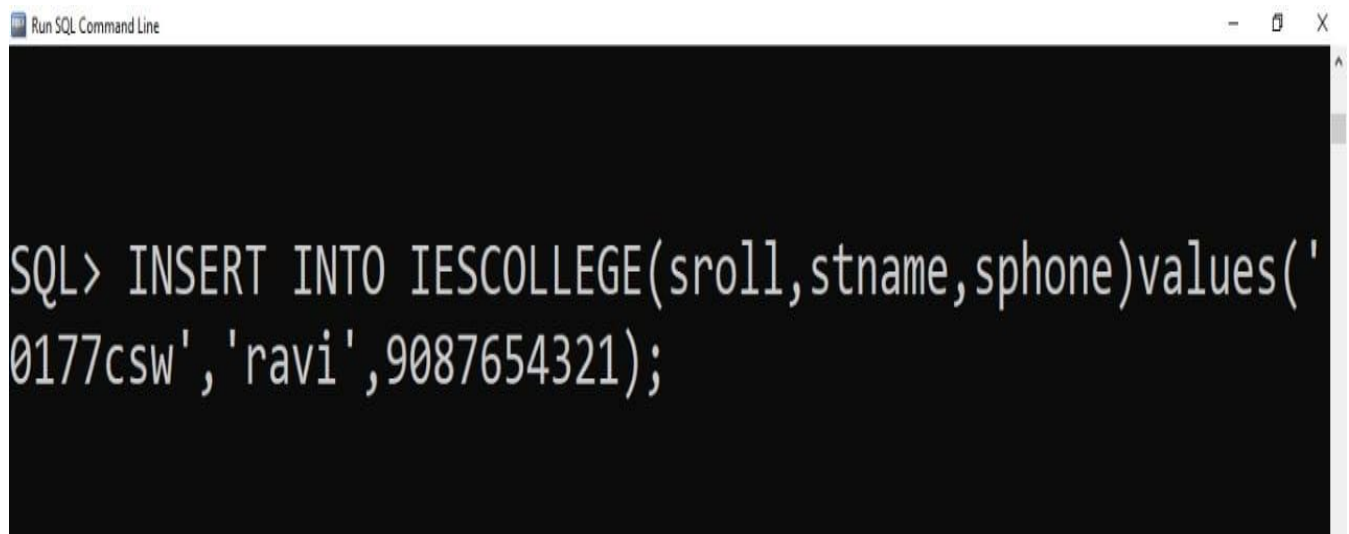
Run SQL Command Line

```
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('0177csw','ravi',9087654321);

A screenshot of a 'Run SQL Command Line' window. The window has a title bar with a small icon and the text 'Run SQL Command Line'. The main area is a black terminal with white text showing the SQL command: 'SQL> INSERT INTO IESCOLLEGE(sroll,stname,sphone)values('0177csw','ravi',9087654321);'. The window has standard Windows window controls (minimize, maximize, close) in the top right corner.

Q6(III)USER DEFINES DATA

insert into iescollege

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

Enter value for sroll: 0177CS35

Enter value for stname: KARAN

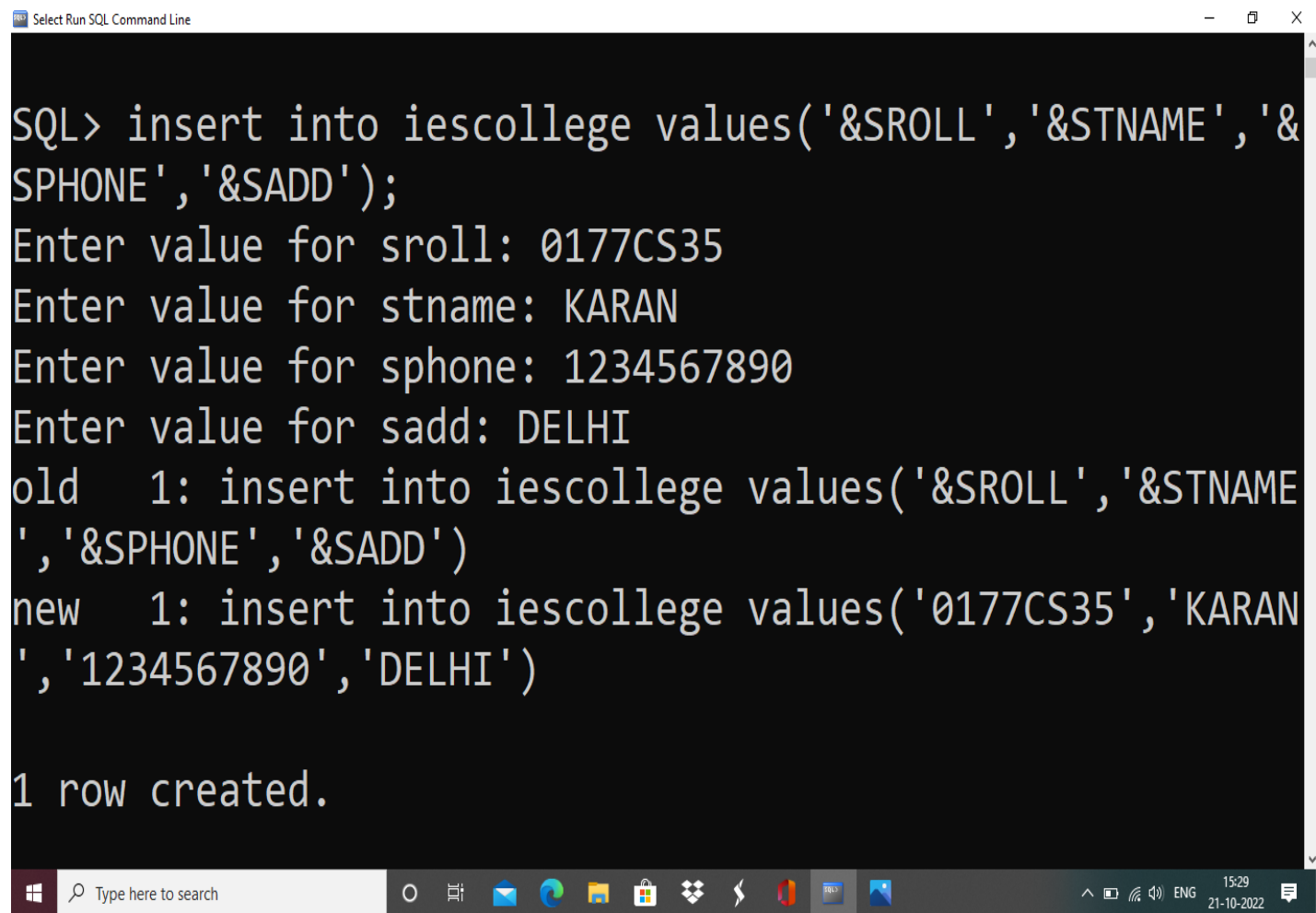
Enter value for sphone: 1234567890

Enter value for sadd: DELHI

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

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

1 row created.



```
Select Run SQL Command Line

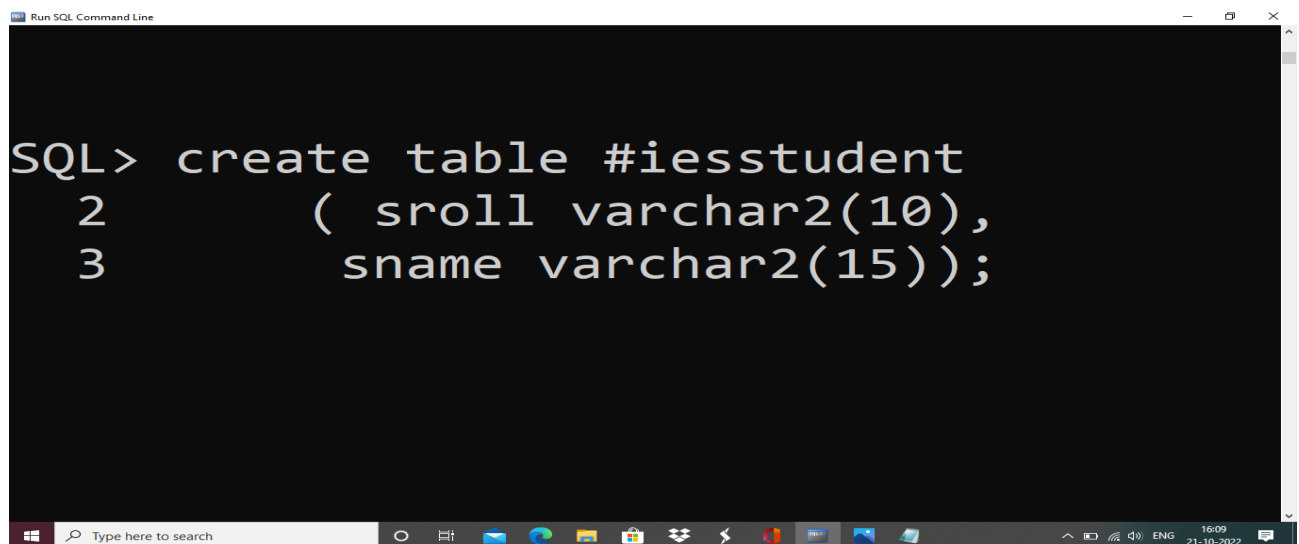
SQL> insert into iescollege values('&SROLL','&STNAME','&
SPHONE','&SADD');
Enter value for sroll: 0177CS35
Enter value for stname: KARAN
Enter value for sphone: 1234567890
Enter value for sadd: DELHI
old 1: insert into iescollege values('&SROLL','&STNAME
','&SPHONE','&SADD')
new 1: insert into iescollege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

1 row created.
```

The screenshot shows a Windows taskbar at the bottom with various application icons and a system tray on the right displaying the time as 15:29 and the date as 21-10-2022. The SQL Command Line window has a dark background with white text.

Q7:CREATE ONE DUMMY TABLE OF
IESSTUDENT:

```
create table #iesstudent  
  ( sroll varchar2(10),  
    sname varchar2(15));
```

A screenshot of a Windows command prompt window titled "Run SQL Command Line". The window has a black background with white text. The text shows the SQL command: "SQL> create table #iesstudent", followed by a line number "2" and the opening parenthesis of the column list "(", then "sroll varchar2(10),", then a line number "3" and "sname varchar2(15));". The Windows taskbar is visible at the bottom, showing the search bar and various application icons. The system clock in the bottom right corner indicates the time is 16:09 on 21-10-2022.

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

Q8:DELTE THE SECOND ROW

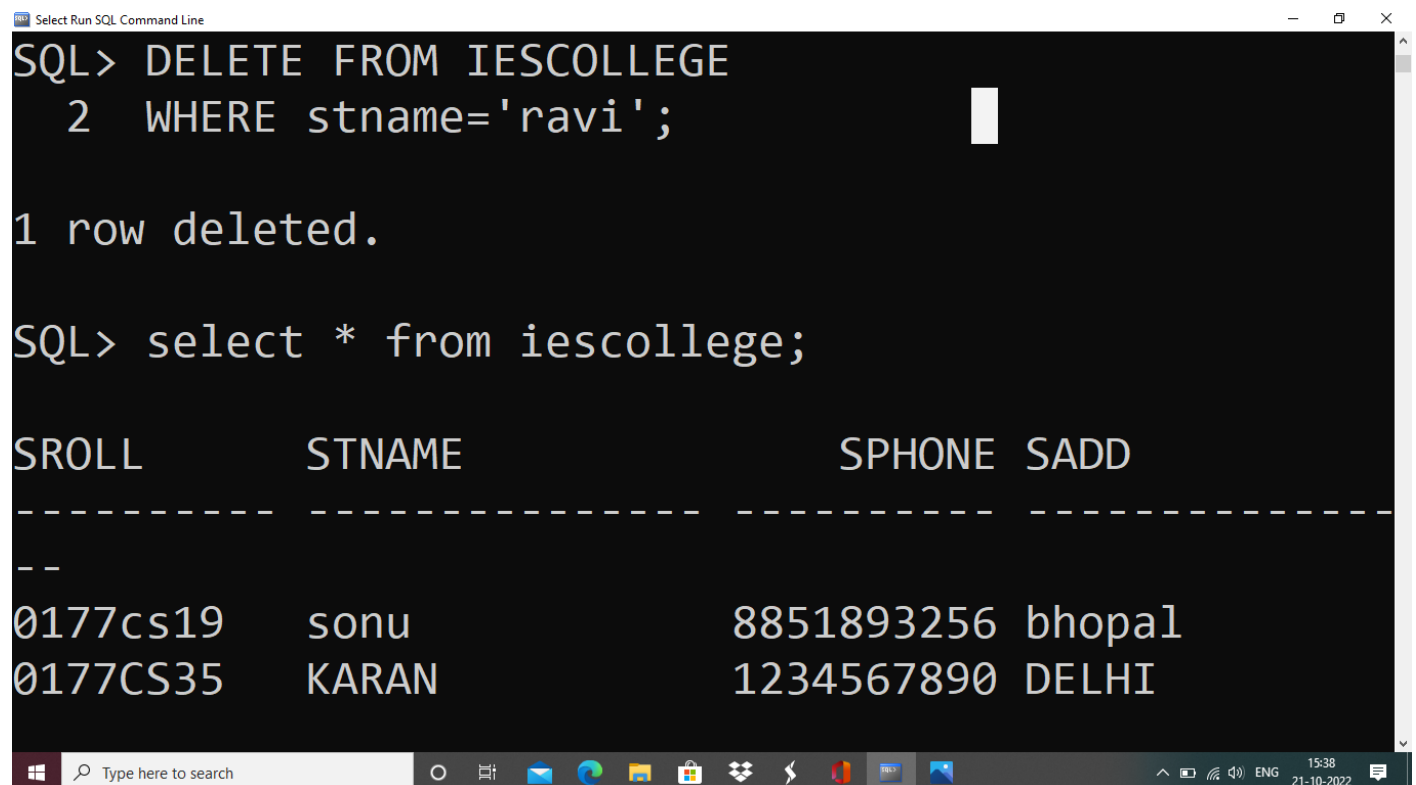
DELETE FROM IESCOLLEGE

```
2 WHERE stname='ravi';
```


1 row deleted.

SQL> select * from iescollege;

SROLL	STNAME	SPHONE	SADD
0177cs19	sonu	8851893256	bhopal
0177CS35	KARAN	1234567890	DELHI



```
SQL> 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
```

The screenshot shows a Windows taskbar at the bottom with various application icons. The SQL Command Line window has a title bar that says "Select Run SQL Command Line". The output of the SQL commands is displayed in a monospaced font on a black background.

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> Run SQL Command Line

```
SQL> commit;
```

```
Commit complete.
```

```
SQL> _
```

Select Run SQL Command Line

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

Run SQL Command Line

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

Run SQL Command Line

```
SQL> drop table iescollege;
```

```
Table dropped.
```

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