

Name

Safiullah

ID

14677

Section

B

Program

BS SE

Paper

Data Base

Instructor

Rimsha Khan

Q: (1)

ANSWER

1st NF

Student ID	Student Name	Address	Course Id	Course name	Grade
11	Fouad	Karachi	Se1	AI	A
01	Fouad	Karachi	Se5	Sge	B
2	Usaleed	Lahor	Se2	Dip	C
3	Saira	Peshawar	Se3	Db	A
3	Saira	Peshawar	Se4	Sie	B
4	Aiman	Karachi	Se3	Db	C
5	Damiryal	Lahor	Se1	AI	A
6	Esman	Peshawar	Se1	AI	B

2nd NF

Stud ID	Student name	Address	course H	course name	Grade
1	Fauwad	Karachi	Sec 1	AI	a
2	Fauwad	Karachi	Sec 5	Sze	B
3	Waleed	Lahor	Sec 2	DIP	C
4	Saira	Peshawar	Sec 8	Dh	a
5	Saira	Peshawar	Sec 4	Sze	B
6	Aiman	Karachi	Sec 3	Dh	C
7	Dariga	Lahor	Sec 1	AI	a
8	Eman	Peshawar	Sec 1	AI	b

Student ID	Student name	Address
1	Fauwad	Karachi
2	Waleed	Lahor
3	Saira	Peshawar
4	Aiman	Karachi
5	Dariga	Lahor
6	Eman	Peshawar

Student ID	Course id
1	Se 1
1	Se 5
2	Se 2
3	Se 3
3	Se 4
4	Se 3
5	Se 1
6	Se 1

3rd NF

Student ID	Student name	Address	Course id
1	Fawad	Karachi	Se 1
1	Fawad	Karachi	Se 5
2	Waheed	Lahar	Se 2
3	Saira	Peshawar	Se 3
3	Saira	Peshawar	Se 4
4	Aiman	Karachi	Se 3
5	Daniyal	Lahar	Se 1
6	Eman	Peshawar	Se 1

Student ID	Course id
1	Se 1
1	Se 5
2	Se 2
3	Se 3
3	Se 4
4	Se 3
5	Se 1
6	Se 1

Q. (2)

Part (1)

Answer:

To create a database we use the first DDL command which is "create" for database table, views meaning to create object we use the command of "create".

```
create database Gallery (
);
```

Q. (2)

Part (2)

Answer:

```
( ID Not will Primary
key integer, movie-name not will
Varchar, Genre Varcher
year integer (2020)
Rating integer (5)
);
```

Q: 3

Part: 02

write SQL DML Query
to delete all Students record
whose CGPA is greater 3?

Answer:

Delete all records whose
is greater 3

Consider the table.

Student ID	Student name	Age	CGPA
1477 14677	Safiullah	20	3.02
1489	Mushlag	18	3.22
1307	Ali	22	1.49

In this table we required
to delete Data which CGPA
greater than 3.

Q. 3

Part # 01

write 2 SQL DML Queries
to insert your data and your
friends data in this table.

Answer:

Insert data in the table
which you want to insert.

→ comma , separated list of columns
in the surrounded by Parenthesis
⇒ then give values

Insert value of table

Insert into friends

(ID, Name, age, CGPA)

Value (1, Safiullah 22, 3.02)

Value (2, mushafiq 23, 3.22)

Student ID	Student Name	Age	CGPA
1	Safiullah	22	3.02
2	mushafiq	23	3.22

Q: 4

Part (1)

Answer:

→ Canteen table:

Select Product, name, Price

from canteen table

where Price is < 500

order by Product name & ID

→ Ordered Detail:

Select Product ID, unit, Price

from order detail-

where unit Price =

Select min (unit Price)

from order detail-

Q: (4)

Part (4)

write SQL INNER JOIN query and its output on the given two tables.

Answer:

Select

Column1, Column2

From

table 1

INNER JOIN table - 2 ON

Join-condition;

Q: 4

Part 3

3 write output of the following query

Answer:

Select

Product ID, Product Name,
Category Name

From

Products

INNER JOIN

Categories ON

Categories . Category ID =

Products . Category ID;

Q: 4

Part (2)

Answer:

Product ID	Product name	category	MFG Date	Exp date	Price
05	chill milky jelly	Junk	2 Aug 2019	2 Aug 2020	5 RS
03	KurKure	Junk	2 Jan 2019	2 Jan 2020	30 RS
04	shenzen juice	Junk	2 April 2019	2 April 2020	30 RS
01	^{chocolate} Dary milk	Junk	3 Aug 2019	3 Aug 2020	80 RS
02	^{BASS} Lipton tea	Not Junk	3 Jan 2019	3 Jan 2021	160 RS
06	olpars milk	Not Junk	3 April 2019	3 April 2020	350 RS

