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ID# :: 14798

(Q1)

(Ans)

The given table is actually not in the 1st and 2nd normal form so we will be convert this to first Normal form.

Primary Key

SID	Student Name	Student Address	Course ID	Course Name	Grade
01	Fawad	Karachi	SE-01	AI, SDE	A
02	Waleed	Lahore	SE-05	DIP	B
03	Saira	Peshawar	SE-02	DB-SRE	C
04	Aiman	Karachi	SE-03	DB	A
05	Daniyal	Lahore	SE-04	AI	B
06	Eman	Peshawar	SE-03	AI	C
			SE-01		A
			SE-01		B

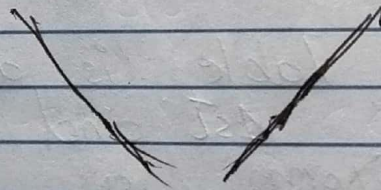
Foreign Key	St-ID	Name
	7	Fawad
	8	Saira

Now 2nd form actually have
no Transitive Dependencies

But there is Dependencies
occur.

We have

Course ID and Course Name



Transitive Dependencies

P-Key

St-ID	S.Name	Add	grade
1	Fawad	Karachi	A
2	Waleed	Lahore	B
3	Saira	Peshawar	C
4	Atman	Karachi	A
5	Daniyal	Lahore	B
6	Emran	Peshawar	C

Foreign Key

St-ID	S-Name	Course ID	Course Name
7	Fawad	Se-01	AI
8	Saira	Se-05	SOE
		Se-02	DIP
		Se-03	DIB
		Se-04	SRE
		Se-03	DB
		Se-01	AI
		Se-01	AI

(Q3)

(Ans)

St-ID	St-Name	Age	C(GPA)

1. Write SQL DML Queries to insert your data and your friend's data on your friends table

Ans) Insert data in the given table which you want to insert in the given table.

- Command, separated list of columns in the table surrounded by some parenthesis then gives values.

Insert values to a given table

Insert into friends

(ID, Name, age, CGPA)

value (1, Salman, 19, 3.2)

value (2, Omar, 20, 3.3)

⇒ Now the table become after inserting the values which we want to insert

St. ID	St. Name	Age	CGPA
1422	Salman	19	3.2
2423	Omar	20	3.3

2. Write SQL DML Query to delete all students records whose CGPA is > 3 ?

Ans Delete all the records of student whose CGPA is > 3 .

Consider we have the table given below.

St. ID	St. Name	Age	CGPA
1422	Salman	19	3.2
2423	Omar	20	3.3

⇒ Now in this table we required to delete data of that student which have CGPA greater than "3".

Delete records of student whose CGPA > 3 .

Delete successfully

~~Delete~~
Delete from the table

Date: / /

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where CGPA > 3 ;

st-ID	st Name	Age	CGPA
1422	Salman	19	3.2
1423	Omar	20	3.3

Deleted successfully



(Q2)

(Ans)

"Create a Database by name gallery"

Create database Gallery

Create table Movie.

ID Integer(Int) PRIMARY KEY

Movie-name varchar(26),

Genre varchar(26),

Date: / /

YEARS INT,
Rating Int.

Command(s)
Completed Successfully.