

TALHA 14526

(4)

QUESTION NO:- 3

16 you have the following table

Student id } Student name } Age }

Write 2 SQL DML Queries to insert your data and your friend's data in this data.

ANSWER:-

we will give the name to table

Student table

Insert keyword is always followed by INTO keyword thus our INSERT start with insert INTO following by the table

more student in which you insert the row and then we move our list of columns enclosed in push thesis. There after we have our keywords value followed by value of columns which you want to insert enclosed in parenthesis.

Inserting data.

DE SC Student  
 Query 1 -- Insert ~~data~~ DATA  
 into all columns of student  
 table

INSERT INTO:-

Student id	Student name	Age	GPA
TALHA HAMEED 14526	TALHA HAMEED	20	2.8

INSERT INTO:-

Student id	NAME	AGE	GPA
14595	Haider iqbal	21	3.0

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Query 2 Insert DATA into  
Selected columns

Insert INTO (

Student id	NAME	AGE	GPA
14601	AFAQ	21	3.2

(2) Write SQL DML Query  
to delete all student  
records whose GPA  
is greater than 3

Student table name:-

Student ID	NAME	AGE	GPA
14526	TALHA	20	2.8
14601	AFAQ	21	3.2
14495	Haider	20	2.6

Sol:

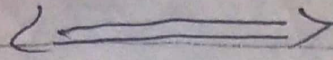
Delete from table  
[WHERE Condition]

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DELETE FROM Student  
WHERE CGPA = 3.0



QUESTION NO 2

write SQL queries for  
following DDL statement.

(1) Create a database by  
the name Gallery

The query is use.

Create database Gallery

{

}

(2) write a query to create  
a table by the name  
movies which should  
have the following  
columns and restrictions

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Sol.

Create table movies

⚡

ID int not null,

Primary key, Movies name

Varchar(25) not null

Genre Varchar (25)

year int ;

rating int ;

QUESTION NO:- 1

Perform normalization upto 3<sup>rd</sup> normal form on following table.

Student ID	NAME	Address
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ANSWER :-

The above table is already in the 2<sup>nd</sup> normalization.

Now we divide this table into 2 parts to convert into 3<sup>rd</sup> Normalization

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PART (1):-

Std ID	NAME	Adel	Grade
01	Fawad	Karachi	A/B
02	Waleed	Lahore	C
03	Saira	Peshawar	A/B
04	Aiman	Karachi	C
05	Daniyal	Lahore	A
06	Emaan	Peshawar	B

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PART (2):

<u>Course ID</u>	<u>Course NAME</u>
<u>SE-01</u> <u>SE-05</u>	<u>AI</u> <u>SCE</u>
SE-02	DIP
<u>SE-03</u> <u>JE-04</u>	<u>DB</u> <u>SRE</u>
SE-03	DB
SE-01	AI
SE-01	AI



QUESTION NO:- 4ANSWER:-(1).

Select product name  
product ID from conteen  
table, detail where  
unit price < 50  
order by product  
name DESC,

Product ID;

Output at the query

Product name	Pro ID
Kusleure	03
Sheezam juice	04
	0
Chillo nilly	05

03  
05

Order detail

(2) Select product name  
from Conteen-table  
order by product name  
ASC

(3) Count (category) (Category)

4

2

Junk

not junk

4) The INNER JOIN keyword  
select that have matching  
value in both table  
INNER JOIN for select  
column

Select Conteen, table, product  
Name, conteen table, category  
Conteen table myg Data  
Conteen Exp-serve  
From Conteen  
table

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ON Conteen table Product  
ID order Detail Product  
ID  
SQL INNER for all  
columns

To get all the  
columns from conteen  
table and order  
detail after joining  
with the following  
condition,

Product id of  
conteen and product  
id of table must  
be same

The following SQL  
code select

From conteen-table  
join order detail  
ON conteen table product  
ID = order detail  
Product id

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OUTPUT

order ID	Product	Unit Price	quantity
01	Lipton tea bag	160Rs	1
04	olper milk	350Rs	1
02	Dairy milk	80Rs	2
02	kunkura	30Rs	2
02	Milly milk	5Rs	2