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ID : 14804

Dept : SE

Paper : Database

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①

Q2 ID: 14804

First Normal Form :-

Student - ID	Student - Name	Student - Address	Course - Id	Course - Name	Grade
01	Fawad	Karachi	SE-01	A1	A
01	Fawad	Karachi	SE-05	SQE	B
02	Waqeel	Lahore	SE-02	DIP	C
03	Saira	Peshawar	SE-03	DB	A
03	Saira	Karachi	SE-04	SRE	B
04	Aiman	Lahore	SE-03	DB	C
05	Daniyal	Peshawar	SE-01	A1	A
06	Eman	Karachi	SE-01	A1	B

2nd Form of Normalization

Student

Course

Student - Id	Student - Name	Student - Address	Course - ID	Course - Name	Course
01	Fawad	Karachi	SE-01	A1	A
01	Fawad	Karachi	SE-05	SQE	B
02	Waqeel	Lahore	SE-02	DIP	C
03	Saira	Peshawar	SE-03	DB	A
04	Saira	Karachi	SE-04	SRE	B
04	Aiman	Lahore	SE-03	DB	C
05	Daniyal	Peshawar	SE-01	A1	A
06	Daniyal	Peshawar	SE-01	A1	B
03	Eman	Karachi			

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(27)

Grade

Student-ID	Course-ID	Grade
01	SE-01	A
01	SE-05	B
02	SE-02	C
03	SE-03	A
03	SE-04	B
04	SE-03	C
05	SE-01	A
06	SE-01	B

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Q2:-

1) Create Database by The name of Gallery

Answer. St-10 | St-Name | Age | Grade | % Age |  
14804 | William | 21 | A | 86% |

Create database gallery

2) write table (

ID int pri key,  
Movies-name varchar (26),  
Genre int,  
Rating

Create table	
ID integer	Not Null
Movie name	Not Null
Genre varchar (20)	Not Null
<del>Year</del> year	2020
Rating	5

(4)

ID : 14804.

Q3:-

if you have the following table.

ST ID / st Name / Age / CGPA.

① insert data in the table which we want to insert

- Comma, Separated list of columns in the table, surrounded by paranthesis - then give values.

insert value to table

insert into friends

(ID, Name, age, GPA)

value (1, Ahsad, 21, 3.9)

value (2, Irfshan, 21, 3.6)

value (3, bilal, 22, 2.9)

ID = 14804

(5)

ID	Name	Age	CGPA
1.	Asad	21	3.9
2.	Ihtisham	21	3.6

② Delete all records whose CGPA is greater than ( $>$ ) 3  
Qet.

	ID	Name	Age	CGPA
1	1	Asad	21	3.9
2	2	Ihtisham	21	3.6
3	3	Bilal	22	2.9

In the table we required  
to delete data CGPA's  
greater than 3.

Delete from records  
where CGPA  $>$  3,  
deleted successfully.

ID: 14804

(6)

ID	Name	Age	CGPA
1	bilal	22	2.9

(7)

Q48-

Answers :-

→ Canteen table :-

Select product name,  
prod-id from Canteen table.  
Where product price is  
< 50 Rs ordered by product  
name & ID.

→ ordered detail :-

Select product ID,  
unit price from ordered  
detail. Where unit price =

Select min(unit price)  
from ordered detail.

(8)

ID: 14809

Product ID	Product Name	Category	Mfg Date	Exp D	Price
<del>05</del>	<del>Chilli Mell Jelly</del>	<del>Junk</del>	<del>2 Sep 19</del>	<del>2 Aug 20</del>	<del>5 Rs</del>
05	Chilli Mell Jelly	Junk	2 Jan 19	2 Aug 20	5 Rs
03	Kuskuse	Junk	2 Feb 19	2 Aug 20	30 Rs
04	Shezan Juice	Junk	2 April 19	1 Jan 20	30 Rs
01	Daisy Milk Chocolate	Junk	3 August 19	3 Jun 20	28 Rs
02	tipton kee Bags	Not Junk	3 Dec 19	4 Dec 20	160 Rs
06	olpers milk	Not Junk	4 May 18	4 Dec 20	350 Rs

(9)

part 3:-

- ① select Canteen.
- ② from Canteen table.
- ③ group by Canteen.

Canteen code	Canteen Name	Canteen	Commission	Ph. no
A007	Faizullah	Islamabad	0.15	123456
A008	Bilal Khan	Peshawar	0.13	7891011
A0011	Amran Ullah	Karachi	0.12	123489
A010	Ziaul Khan	Peshawar	0.15	145687
A012	Ayan Ali	Karachi	0.14	1789101
A005	Arthughrud	Buneeer	0.12	12131415

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Part 4 :-

Select Customer - T . Customer - ID  
Customer - Name . ORDER ID .  
From Customer - Join order  
ON Customer - T - Customer ID =  
Order . T Customer - ID

Customer ID	Customer Name	Order - ID
1	Khan	1001
1	Tan	1004
2	Shan	1008
3	Toria name	1003
4	Hamza Khan	1005
4	Arthushruel	1009
5	Usman	1007
6	Noor Gul	1002