

"UMar Farooq"

"ID : 14740"

"DataBase System"

"BS (SE - Section - B)"

"Mam Rimsha Khan"

Question No: ①

Answer

First		Normalization		Form:-	
Student-ID	Student-Name	Student-Address	Course-ID	Course-Name	Grade
01	Adil	Karachi	SE-01	AI	B
01	Adil	Karachi	SE-05	SQE	C
02	Noor	Lahore	SE-02	DIP	A
03	Uzma	Peshawar	SE-03	DB	B
03	Uzma	Peshawar	SE-04	SRE	C
04	Manahil	Bannu	SE-03	DB	A
05	Kasham	Peshawar	SE-01	AI	B
06	Mahaan	Peshawar	SE-04	AI	C

2nd Form of Normalization:-

Student

Student-ID	Student-Name	Student-Address
01	Adil	Karachi
01	Adil	Karachi
02	Farhand	Lahore
03	Manahil	Peshawar
04	Mahaan	Peshawar
05	Ali	Charsadda
06	Umar	Peshawar
03	Manahil	Peshawar

Course

Course-ID	Course-Name	Grade
SE-01	AI	A
SE-05	SQE	B
SE-03	DIP	C
SE-04	DB	A
SE-03	SRE	B
SE-01	DB	C
SE-01	AI	A
SE-03	AI	B

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



Question no. : 2

'Answer' 2

a) Create data-base Gallery.

b) Create table movie

(

ID int PRIMARY KEY,  
 Movie-name varchar (26),  
 Genre varchar (26),  
 year INT,  
 Rating int,

)

Question 3"ANS"Part 1

<u>Student ID</u>	name	age	Grad

Ans

→ Insert Data in the table which you want to insert.

→ Comma, Separated list of columns in the table surrounded by parenthesis

→ then gives values

Insert value to table  
insert into friend  
(ID, name, age, CGPA)  
value (1 Umar, 18, 3.2)  
value (2 Farooq, 20, 3)

2~~1~~

Delete all records  
whose CGPA  $> 3$

Consider the table

S.ID	S.Name	S.age	Grade
1	Umar	18	3.2
2	Farooq	20	3

↳ In this table we  
Required to delete  
Data which CGPA  $> 3$

Delete from friend

where CGPA  $> 3$

Delete Successful

S.ID	S.name	S.age	Grade
1	Farooq	20	3

Now the table after  
inserting the values.

S.ID	S.name	S.age	Grade
1	Umar	15	3.2
2	Farooq	20	3



Question 4

Answer = 4

### 3) Canton table

Select product name  
pro-Id from Canton  
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

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Product ID	Product name	category	MFG Date	Exp Date	Price
05	Chilli Milk Jelly	Junk	2 Aug 2018	2 Aug 2021	5 Rs
03	Karkure	Junk	2 Jan 2018	2 Jan 2021	30 Rs
04	Shezan juice	Junk	2 April 2018	2 April 2021	80 Rs
01	Dairy milk Chocolate	Junk	3 Aug 2018	2 Aug 2022	80 Rs
02	Lipton tea bags	Not Junk	3 May 2018	3 Jan 2024	160 Rs
06	olper milk	Not Junk	1 July 2018	5 April 2019	350 Rs
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