

NAME: HIDAYAT UR RAHMAN

ID: 15125

BS (SE) 4th SECTION (B)

SBU: DATABASE

MIS.RIMSHA KHAN

1st First Normal Form

Std ID	Std Name	Std. Address	Course ID	Course Name	Grade
01	Fawad	Karachi	SE-01	AL	A
02	Fawad	Karachi	SE-05	SQF	B
03	Waleed	Lahore	SE-02	DIP	C
04	Saira	Peshawar	SE-03	DB	A
05	Saira	Peshawar	SE-04	SRE	B
06	Aiman	Karachi	SE-03	DB	C
07	Danyal	Lahore	SE-01	AL	A
08	Erman	Peshawar	SE-01	AL	B

2nd Form of Normalization

Student			Course		
Std ID	Std Name	Std. Address	Course ID	Course Name	Grade
01	Fawad	Karachi	SE-01	AL	A
02	Fawad	Karachi	SE-05	SQF	B
03	Waleed	Lahore	SE-02	DIP	C
04	Saira	Peshawar	SE-03	DB	A
05	Saira	Peshawar	SE-04	SRE	B
06	Aiman	Karachi	SE-03	DB	C
07	Danyal	Lahore	SE-01	AL	A
08	Erman	Peshawar	SE-01	AL	B

"Grade"

Std ID	Std Name	Grade
01	SE-01	A
02	SE-05	B
03	SE-02	C
04	SE-03	A
05	SE-04	B
06	SE-03	C
07	SE-01	A
08	SE-01	B

(4)

Date [] [] [] [] [] [] [] []

have the following

(03)

Date [] [] [] [] [] [] [] []

QNO2 write SQL Queries for the following DDL statement.

Part 01: Create a data base by the name gallery.

Ans:

Create data base gallery

Std ID	Std Name	Age	Grade	% age
Q15125	Hidayat ur Rahman	20	A	88%

(3)

Q.2 write SQL DML Query to delete all students record whose GPA is Greater 3.

Day [] [] [] [] [] [] [] []

student table name

student ID	student Name	Age	GPA
14480	Abdul salam	22	2.6
14481	raweed Ali	21	3.4
15958	Alam Khan	20	3

SOL: DELETE FROM TABLE
 [where condition];
 DELETE FROM student
 WHERE GPA > 3;

Date

QNO=3 If you have the following table

Student ID	Student Name	Age	CGPA

Part = 01:-

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

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 friends:

(ID, Name, Age, CGPA)

value (01, Hidayat ur Rahman, 20, 3.39)

value (02, Imran, 18, 3.1)

⇒ Now the table is after inserting the value.

student ID	std Name	Age	CGPA
01	Hidayat ur Rahman	20	3.39
02	Imran	18	3.1

Part 2

write SQL DML Query to delete all students record whose CGPA is greater than 3.

Ans: Delete all records whose CGPA greater 3.

Consider the table

Std ID	Std Name	Age	CGPA
01	Hidayat ul Rahman	20	3.39
02	Imran	18	3.1
03	Irshad	19	2.7

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

Delete from friend whose CGPA > 3

Delete successfully

Std ID	Std Name	Age	CGPA
01	Hidayat ul Rahman	20	3.39
02	Imran	18	3.1
03	Irshad	19	2.7

Date

(b)

Day QNo 4 (part 1)

write SQL Query for finding/displaying product names and ids of product whose unit price is less than 50 Rs.

Ans: SQL:Canteen - table

```

SELECT product name product id
unit price
FROM Canteen table
WHERE unit price
(SELECT MIN (unit price) FROM
Canteen table

```

order details

```

SELECT product id unit price
WHERE unit price
(SELECT MIN (unit price) FROM
order details

```

Date

7

Day QNo. part 2

<u>Ans</u>	Pro id	Pro name	Category	Msg on	Ex on	Price
	05	Chilli	Juice	2 Jan 18	35=21	5 Rs
	03	Eurokme	Juice	2 APR 19	9	30 Rs
	04	Shesam juice	Juice	-	-	30 Rs
	01	Diraymbe	Juice	-	-	80 Rs
	02	Tea	not juice	-	-	160 Rs
	06	0 Opers mpu	not juice	-	-	350 Rs

Date

2

Day QNO 4 part 3:-

Canteen

- ① Select (Canteen)
- ② from Canteen table
- ③ Group by Canteen

Canteen Code	Canteen Name	Canteen	Commission	phno
A007	Awais	Islamabad	0.15	092333
A003	Bilal	Karachi	0.13	031221
A008	Hemza	Lahore	0.12	0512131
A011	Cemran	Pindi	0.15	0092111
A010	Akmal	Atok	0.14	0092211
A012	Emam	Bunmer	0.12	0092011
A005	Ali	Peshawar	0.13	0092313

Date QNO 4 part 4:-

Select Customer-T, customer ID
 Customer-Name, ORED, ID
 From Customer-Join order
 on Customer-T, Customer ID =
 order-T Customer ID.

Customer ID	Customer name	order ID
1	Elaichis	1001
1	Baloubs	1004
2	Qurshis	1008
3	Nawab	1003
4	Awais	1005
4	Afridi	1009
5	Khattak	1007
6	Burieres	1002

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