

Name : Hijrat ullah

Id : 14994

Section : 'B'

Program : BSSE

Final Paper : Database Systems

Instructor : Rimsha Khan

ID 14994

P-1

Question No 1:

Answer:

1st NF/.

Student ID	Student name	Address	Course id	Course name	Grade
1	Fawad	Karachi	Se 1	AI	A
1	fawad	Karachi	Se 5	Sae	B
2	waleed	Lahor	Se 2	DIP	C
3	Saira	Peshawer	Se 3	DB	A
3	Saira	Peshawer	Se 4	SRE	B
4	Aiman	Karachi	Se 3	DB	C
5	Saniyal	Lahor	Se 1	AI	A
6	Eman	Peshawer	Se 1	AI	B

2nd NF

ID 14994

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Student ID	Student Name	Address	course id	course name	Grade
1	Fawad	Karachi	Se 1	AI	A
1	Fawad	Karachi	Se 5	SSE	B
2	Waleed	Lahor	Se 2	DIP	C
3	Saira	Peshawar	Se 3	DB	A
3	Saira	Peshawar	Se 4	SRE	B
4	Aiman	Karachi	Se 3	DB	C
5	Daniyal	Lahor	Se 1	AI	A
6	Eman	Peshawar	Se 1	AI	B

Student ID	Student Name	Address
1	Fawad	Karachi
2	Waleed	Lahor
3	Saira	Peshawar
4	Aiman	Karachi
5	Daniyal	Lahor
6	Eman	Peshawar

Student ID	Course ID
1	Se 1
1	Se 5
2	Se 2
3	Se 3
3	Se 4
4	Se 3
5	Se 1
6	Se 1

38d NF

ID 14994

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Student ID	Student Name	Address	Course ID
1	Fawad	Karachi	Se 2
1	Fawad	Karachi	Se 5
2	Waleed	Lahor	Se 2
3	Saira	Peshawar	Se 3
3	Saira	Peshawar	Se 4
4	Aiman	Karachi	Se 3
5	Daniyal	Lahor	Se 1
6	Eman	Peshawar	Se 1

Student ID	Course ID
1	Se 1
1	Se 5
2	Se 2
3	Se 3
3	Se 4
4	Se 3
5	Se 1
6	Se 1

Date:

Question No : 2

Part # 1:

Answer:-

To create a database we use the first DDL Command which is "Create" for database, table, views meaning to create object we use the Command of "Create".

```
Create database Gallery (
);
```

Question No : 2

Part # 2

Create table Movies

```
(
  ID          Not Null Primary key integers,
  Movie - Name Not Null Varchar,
  Genre       Varchar,
              Year integer (2020)
  Rating      integer (5)
);
```

Date:

Question No 3

Part No 1

Answer:

=> Insert data in the table which you want to insert.

=> Comma separated list of columns in the table surrounded by parenthesis

=> then gives value.

=> Insert value to table.

insert into friends.

(ID, Name, age, CGPA)

value (1, Hijratullah, 18, 3.5)

value (2, Mushtaq Khan, 19, 3.2)

=> Now the table is after inserting the value.

Student ID	Student Name	Age	CGPA
1	Hijratullah	18	3.5
2	Mushtaq Khan	19	3.2

value

Student ID	Student Name	Age	CGPA
14994	Hijratullah	18	3.5
2	Mushtaq Khan	19	3.2

Date:

Question No 3

Part No 2

Answer:

=> Delete all records whose CGPA greater 3:

Consider the table.

Student ID	Student Name	Age	CGPA
14840	Hijratullah	18	3.5
2830	Faizullah	20	3
13270	Mushtq Khan	19	3.2

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

Date: _____

Question No: 4

Answer:

1): Canteen table :-

Select product name, Pro-Id
 from Canteen table -
 where product Price is < 50 Rs
 ordered by Product name and ID

Ordered Detail :-

Select Product Id, unit - Price
 from ordered detail -
 where unit price =
 Select min (unit Price)
 from ordered detail .

2):

Product Id	Product Name	category	Mfg Date	Exp Date	Price
05	chilly Mill Jelly	Junk	2 Aug 2019	2 Aug 2020	5 Rs
03	Kurokuse	Junk	2 Jan 2019	2 Jan 2020	30 Rs
04	Shezan juice	Junk	2 April 2019	2 April 2020	30 Rs
01	Dairy Milk chocolate	Junk	3 Aug 2019	3 Aug 2020	80 Rs
02	Lipton tea bags	Not Junk	3 Jan 2019	3 Jan 2020	160 Rs
06	olpers Milk	Not Junk	3 April 2019	3 April 2020	350 Rs

Date:

Question no 4

Post no 4

Answer:

SELECT

Column 1, Column 2

FROM

table_1

INNER JOIN table_2 ON join-condition

Question no 4

Post no 3

Answer:

SELECT

ProductID, Product Name, Category Name.

FROM

Products

INNER JOIN

Categories ON Categories.CategoryID =
Products.CategoryID;