

Name Shahab Zaib

ID 14590

Subject Database

Deptt Computer Science

Assignment final-team paper

Date 30/8/2020.

(1)

Q: NO: 07

First Normal Form:

Student ID	Student Name	Student address	Course ID	Course Name	Grade
01	Fawad	Karachi	SE-01	AT	A
01	Fawad	Karachi	SE-05	SRE	B
02	Wahid	Lahore	SE-02	DIP	C
03	Saira	Peshawar	SE-03	DB	A
03	Saira	Peshawar	SE-04	SRE	B
04	Aiman	Karachi	SE-03	DB	C
05	Danzal	Lahore	SE-01	AI	A
06	Imran	Peshawar	SE-01	AI	B

2nd Normalization Form:

(2)

Student

Student ID	Student Name	Student Address
01	Fouad	Karachi
01	Fouad	Karachi
02	Wahid	Lahore
03	Saira	Peshawar
04	Aiman	Karachi
05	Danzal	Lahore
06		Peshawar
03	Saira	Peshawar

Course

Course id	Course name	Grade
SE-01	AI	A
SE-05	SCRE	B
SE-02	DIP	C
SE-03	DB	A
SE-04	SRE	B
SE-03	DB	C
SE-01	AI	A
SE-04	AI	B

(3)

GRADE

3rd Normalization

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

(4)

Q: NO: 02:

Part (A):

Create database [Gallery];

Part (B):

Create table movies

ID int primary key
not null,

movie item: varchar

not null,

Genre varchar,

Year int check (year
between 0 and 2020)

Rating int check (Rating
between 0 and 5)

(5)

Q: No: 03:

(A):

— Create Student Database;

Create Table Students

(Id int not Null Primary
Key Auto-Increment,

Student Id int (20) Not Null,

Student name varchar (50) Not Null,

Age int (20) Not Null,

CGPA int (5) Not Null

);

Insert into 'student'

(

'Id', 'Student_Id', 'Student_Name',

'Age', 'CGPA'

)

values (NULL, '14590',

Shahab Zaib', '20'

3.5

) .

⑥

```
values (Null, '14756',  
        'Sajawal Khan', '19',  
        '2.9')  
);
```

```
values (NULL, '14633',  
        'Muhammed Amir',  
        '21', '3.6')  
);
```

(B):

Delete from student

Where CGPA > 3.0;

(7)

Q: NO: 04:

Part (A):

Select product_id,
product_name from
Canteen-table
Where Unit price
< 50

Part (B):

Select product_name as
product_list_Sorted
from canteen-table
ORDER BY
product_list_Sorted ASC

Part (C):

Output:

Category	Count
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8

Category	Count
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Junk	4
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Not Junk	2
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Pool (D):

Select * From order_Details
Inner Join canteen_table ON
order_Details product_ID
= canteen_table product_ID

Output:

Product ID	Product Name	Category	Mfg Date	Exp Date	Unit Price	Order Id	Product ID	Unit Price	Quantity
01	Dairy milk Choco Date	Junk	2 Aug 2019	2 Aug 2020	80 RS	02	01	80 RS	2
02	Lipton tea bag	Not Junk	2 Jun 2019	2 Jun 2020	180 RS	01	02	180 RS	1
03	Kuokuse	Junk	2 April 2019	2 April 2020	30 RS	02	03	30 RS	2
05	Chilli milk	Junk	3 Jan 2019	3 Jan 2020	5 RS	02	05	5 RS	2
06	Adress Milk	Not Junk	3 April 2019	3 April 2020	350 RS	01	06	350 RS	1

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