

Date: / /

Final-term Assignment Data-base Systems.

Name:- Syed Danish Ali

I.d = 14712

Department:- BS(CS)

Submitted to:- Mam Rimsha

(Q.1)
(Answer).

• First Normal Form:-

Student id	Student Name	Student Address	Course-ID	Course-Name	Grade
01	Saood	Swabi	SE-01	AI	A
01	Asad	Kohat	SE-05	SQE	B
02	Ali	Peshawar	SE-01	DIP	C
03	Danish	Peshawar	SE-03	DB	A
03	Kareem	Swat	SE-04	SRE	B
04	Salman	Swat	SE-03	DB	C
05	Saira	Lahore	SE-01	AI	A
06	Emaan	Karachi	SE-01	AI	B

2nd Normal Form
Student-Details Table.

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Student Id	Student Name	Student Address
01	Asad	Kohat
01	Farnal	Karnachi
02	Sadia	Peshawar
03	Airman	Peshawar
03	Saood	Swabi
04	Ali	Peshawar
05	Danigal	Lahore
06	Salman	Swat

Course - Details Table.

Course-ID	Course-Name	Grade
SE-01	AI	A
SE-05	SQE	B
SE-02	DIP	C
SE-03	DB	A
SE-04	SRE	B
SE-03	DB	C
SE-01	AI	A
SE-01	AI	B

3rd Normal Form:-

Student Table:-

Date: / /

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Student id	Student Name	Student Address	Course ID
01	Asad	Karachi	SE-01
01	Kareem	Swat	SE-05
02	Saood	Swabi	SE-02
03	Ali	Peshawar	SE-03
03	Danish	Peshawar	SE-04
04	Salman	Swat	SE-03
05	Aiman	Lahore	SE-01
06	Emaan	Peshawar	SE-01

Course-ID	Course-Name	Grade
SE-01	AI	A
SE-05	SQE	B
SE-02	DIP	C
SE-03	DB	A
SE-04	SRE	B
SE-03	DB	C
SE-01	AI	A
SE-01	AI	B

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(Q.2)
(Answer)

Create database gallery.

(Create Table Movies

ID, No int not null,
Name varchar (30) not null,
Gener varchar (30) not null,
Year int not null,
Rating int not null,

(=)

(Q.3)
(Answer)

Create Table village Record

(
ID int not null primary key,
name varchar (20)
age int,
cgpa float

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(477)2

insert, into village record values
(4, 'Danish', 19, 2.6) ←

Delete from village Record
Where CGPA ≥ 3

select * from village record.

(=)

(Q.4)

(Answer)

(1)

Select product-Name, Product-ID
from canteenⁿ-Table where
unit price < 50 Rs.

(2)

Select Product-Name, Category
Product-ID from canteen-Table
where Product-ID IN (01, 03,
02).

ORDER By, Product-ID, Product
Name,

★. Select canteen-Table, Product-ID
as ID
Canteen-Table. Product-Name
name

From Canteen-Table where
Product-ID = 'Home Furnishi

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(3)

Category	Count (Category)
Junk	4
Not Junk	2

(4)

Select canteen-Table. Product-ID,
 Product-Name. Order-ID From
 canteen-Table, left outer join
 ORDER-T
 ON
 canteen-Table. Product-ID=
 order-Details. Product-ID.

Product-ID	Product-Name	Unit Price	Order-ID
01	Dairymilk chocolate	80Rs	02
02	Lipton tea Bags	160Rs	01
03	kurkure	30Rs	02
04	Shezan Juice	30Rs 30Rs	02
05	Chilli milli Jelly	350Rs 5Rs	01
06	olper milk	350Rs	01