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NAME - Gatazaz Ahmad

ID - 15050

COURSE - Database System-

Program - BS (SE)

Semester - 4<sup>th</sup>

NAME : Jatazaz Ahmad : ID = 15050

## Question (1)

Perform Normalization upto 3<sup>rd</sup> Normal Form of following table

Student ID	Student Name	Student Address	Course ID	Course Name	Grade
01	Fawad	Karachi	SE-01	AI	"
02	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
06	"	"	"	"	"

Ans-

In the above table if already in the 2<sup>nd</sup> normalization

⇒

Now we decided this table into 2 Part to Convert into 3<sup>rd</sup> normalization

Part 1

Std - ID	1 <sup>st</sup> Std. Name	Std. Address	Grade
"	"	"	"
"	"	"	"
"	"	"	"

Name - Jatazaz Ahmad ID = 15050

Part 2

Course Id	Course-Name
"	"
"	"
"	"

Those now if fulfil  
Convert into 3rd  
normalization form.

NAME : Gatazaz Ahmad : ID : 15050

Question No 2

(a) CREATE DATABASE Gallery :

(b) Create table Movies :

ID	Int	Not null
Movie Name		Not null
Genre	VARCHAR (15)	Not null
Year		(2020)
Rating		5

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NAME : Jatazaz Ahmad ID : 15050

Question 3

(i)

Ans: insert into Student (std-id, std-name, Age, (GPA) (01, Jatazaz, 20, 2.5)  
value (15050, Jatazaz, 20 - 2.5 - 1)  
insert into Student (std-id, std-name, Age, (GPA) (02, <sup>Azmat</sup> ~~Azmat~~, 21, 3.4)  
value : (14448, Azmat, 21, 3.4)

(2)

Delete from Student  
where GPA > 3

NAME = Gataza Ahmad ID = 15050

Question 4.

(1) Select Product, ID, Product - name  
from Canteen - table - where  
Price < 50

(2) Select Product - Name As  
Product - list - Stored - From  
Canteen - Table

(3) Count (category) (category)

(4) 4 junk  
2 Not junk

Name = Jatazaz Ahmad = ID = 15050

Q4

(4)

Ans:

Select Product - ID from  
 Canteen - table  
 INNER JOIN Order - Details  
 ON  
 Canteen table . Product - id =  
 Order - Details : Product . id

OutPut -

Order - ID	Product Name	unit Price	Quantity
01	Lipton Tea bags	160 Rs	1
01	Olders Milk	350Rs	1
02	Dairy Milk Choc	80Rs	2
02	KwKw	30Rs	2
02	Chilli-Millijelly	5Rs	2