

Date: _____

ID → 14517

Name → Adnan Nabi



Q 1 :

ANS :

| Student id | Student Name | Student address | Course id | Course Name | Grade |
|------------|--------------|-----------------|-----------|-------------|-------|
| 01 | Towad | Karachi | SE-01 | AI | A |
| | | | SE-05 | SQE | B |
| 02 | Khalid | Lahore | SE-02 | DIP | C |
| 03 | Saira | Peshawar | SE-03 | DB | A |
| | | | SE-04 | SRE | B |
| 04 | Aiman | Lahore | SE-03 | DB | C |
| 05 | Omrya | Lahore | SE-01 | AI | A |
| 06 | Emaan | Peshawar | SE-01 | AI | B |

→ Now table conversion. into into ~~three~~ divide into two parts. This Third normali-



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| ST-ID | STD - No | ST - address | Grade |
|-------|----------|--------------|-------|
| | mc. | ' | |
| 1 | Fawad | Korochi | A |
| 2 | walood | Oohore | B |
| 3 | Saira | Peshow | A |
| 4 | Aiman | Korochi | C |
| 5 | Doniyal | Oohore | A |
| 6 | Ermaan | Peshow | B |

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| Course ID | QT-ID | Course Name |
|-----------|-------|-------------|
| SE-01 | 01 | AL |
| SE-02 | | SOLE |
| SE-02 | 02 | DIP |
| SE-03 | 03 | DB |
| SE-04 | | SRE |

Thus
conversion
now
into
form.
its
full fill.
third
normali

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Q2 :
Q1 :

The query we use to
create database gallery

(2) :

Create table movies.

{

Id int not null, primary

key, movie - Name varchar (25)

not null, Genre varchar (25)

year int

rating int

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Q3:

ANS:

The table name to the table.

STUDENT TABLE:

is always followed by. Insert keyword
key word. Thus our
INSERT statement statement
statement stored with insert
INTO is followed by the
table name. in which.
you insert the row. and
then we have our
list of columns in which
we enclosed. in parenthesis
Thereafter we have our
keywords. value of colour
less. which you want
insert enclosed in
parenthesis
inserting data:
DESC student
Query 1: Insert data
into all the columns



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of the student table
 INSERT INTO student (student
 name, Age, student ID, PA)
 values (14517, adnan nabi, 2,
 3)

INSERT INTO:
 values (~~14517~~, ~~adnan nabi~~)

(14481, Alamzeb, 22, 3.4)

Copy 2: Inserted data
 into selected columns.

INSERT INTO student (student
 name, student id, Age,
 value (15958, Naveed ali, 20)

student table names.



| student id | student Name | Age. | CGPA |
|------------|--------------|------|------|
| 14517 | adnan nabi | 21 | 3 |
| 14481 | Alamzeb | 22 | 3.4 |
| 15958 | Naveed Ali | 20 | 3 |

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Q4

(1) :

Select product name.
product
From categories id. table.
where product price < 50R
ordered key product ID
product name.

(2) :

| Prod ID | Prod-Name | category | Mfg - part | Top part | Price. |
|---------|--------------------|----------|------------|------------|--------|
| 05 | chill Milly Jolly | Junk | 3-Jan-2018 | 3-Jan-2018 | 5 Rs |
| 03 | lewisville | Junk | 2Apr-2019 | - | 30Rs |
| 04 | season Juice | Junk | - | - | 30Rs |
| 01 | Dairy M. chocolate | Junk | - | - | 30Rs |
| 02 | lipton T-Bge. | not-junk | - | - | 160 Rs |
| 06 | o'phers mille | not-junk | - | - | 350Rs |
| | | | | | |
| | | | | | |

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(3)

COUNT (CATE
GORY)

CATEGORY

4

Junk

2

Not Junk.

(4)

Select order , detail order id.
 NonJoin table , product name
 order detail. unit price
 order detail quantity.
 From order detail INNER
 Join NonJoin. table on
 order detail product -10 =
 NonJoin -table product -10

Output :

| OrderID | Productname | unit price | Quantity |
|---------|---------------|------------|----------|
| 01 | Opten T-eye | 100 Rs | 1 |
| 01 | olper mille-P | 350 Rs | 1 |
| 02 | Dairy mille | 80 Rs | 2 |
| 02 | kurleure | 30 Rs | 2 |
| 02 | chilly milly | 5 Rs | 2 |

