



**Final Term**

**Submitted By:**

Hamza khan afridi (13071)

BS (SE)

**Subject :**

**Database System**

① (13071) Hamza Khan Aridic

Q1) Perform upto 3rd form NF.

(Ans)

~~4th form~~

St-Id	St-Name	St-Address	Course-Id	Course	Grade
01	Fawad	Karachi	SE-01	AI	A
02	Fawad	Karachi	SE-05	SRE	B
02	Walad	Lahore	SE-02	DEP	C
03	Saira	Peshawar	SE-03	DB	A
03	Saira	Peshawar	SE-04	SRE	B
04	Aiman	Karachi	SE-03	DB	C
05	Daniyal	Lahore	SE-01	AI	A
06	Emann	Peshawar	SE-01	AI	B

~~Now 2nd form~~

St-ID	Course-ID	Grade



(2)

(13071) Hamza Khan Afridi

(3)

Student-Id	Course-Id	<del>Grade</del> 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

Student-Id	Student-Name	Student-Address
01	Fawad	Karachi
01	Fawad	<del>Karachi</del> Lahore
02	Waleed	<del>Peshawar</del>
03	Saira	Peshawar
03	Saira	Peshawar
04	Aiman	Karachi
05	Danial	Lahore
06	Ernan	Peshawar

(2)  
A

~~M~~

Exidi:

(3)

(13071) Hamza Khan Afridi

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

~~Now 3rd Form N~~

Q2) Query

Ans/

Create Table Students(

ID integer ( ) Not Null Primary key;  
Student-Name varchar ( ) Not Null,  
DOB Date ( ),  
Age Integer ( ),  
CGPA Float ( ),  
Max-Age (30) Not Null;  
ENGINE = Students.



(4) (13071) Hamza Khan Afridi

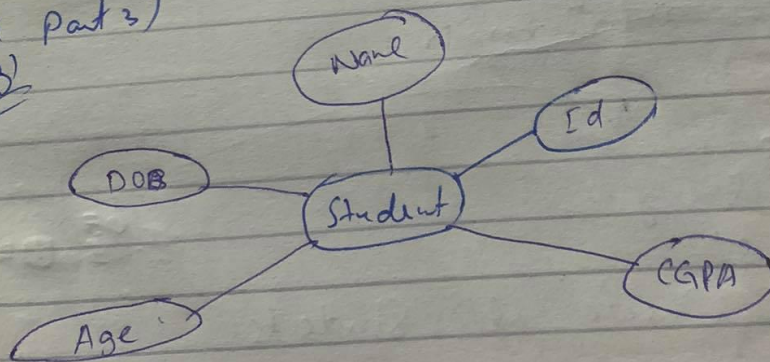
Q2) Part 2)

Ans) INSERT INTO Students  
Values ("13212", "Zuhaib", "1994", "25", "3.35")

INSERT INTO Students  
Values ("13071", "Hamza", "1995", "24", "2.87")

Q2 part 3)

Ans)



The Name, Age, DOB, Id, and CGPA are derived attributes and it is derived from Student.

Friday

(5)

(13071)

Hanga Khan Ayub

Q3 part 1)

Ans)

```
SELECT product_ID, Product_Name
From Canteen_Table
Where unit_price < 50
Order By Unit_Price Desc, Product_Name
```

Q3 part 2)

Ans)

```
SELECT * From table_name
order by Category ASC;
```

Q3 part 3)

Ans)

```
DELETE From Order_Details
Where Quantity < 1.
```

pa



(6)

(13071) Hamza Khan Ayridi

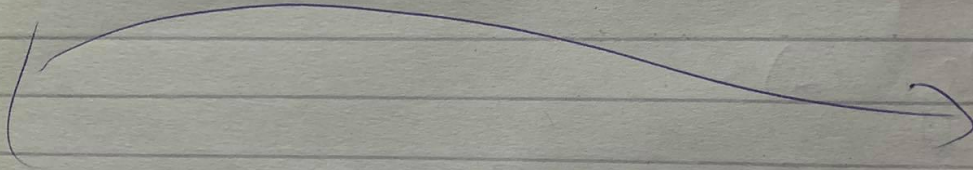
(Q3) part 4)

Ans

SELECT \*

FROM Canteen-Table INNER JOIN

ON Canteen-Table <sup>product</sup> Order-Details  
Order-ID = Order-Details  
Order-ID;



FINISH