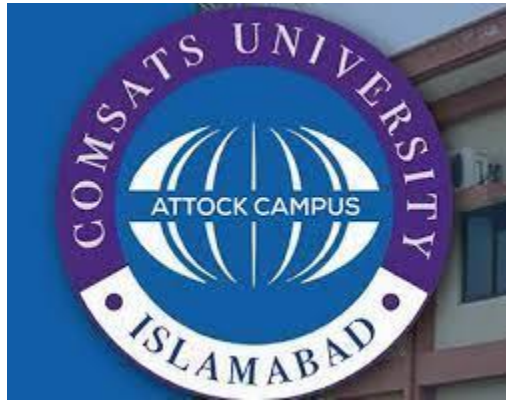


PHARMACY MANAGEMENT SYSTEM



DATABASE SYSTEM

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➤ FA20-BSE-042

SECTION: BSE-3B

Semester: 3rd

Submitted to Mr Tahir Ahmed

QUERY OF PHARMACY MANAGEMENT SYSTEM:

```
create Database PharmacyManagementSystem;
use PharmacyManagementSystem;
Create table pharmacy(
pharmacy_id int primary key not null auto_increment primary key,
pharmacy_name varchar(50),
pharmacy_type varchar(50),
pharmacy_address varchar(50)
);
Insert into pharmacy(pharmacy_name,pharmacy_type,pharmacy_address)
values('Booali Sina','CMH Pharmacy','Attock City'),
('RMI','hospital Pharmacy','Peshawar'),
('AL-Noor','hospital Pharmacy','Swabi'),
('Aslam Marwat','hospital Pharmacy','Charsadda'),
('Shiffa','MH Pharmacy','Wah Cantt')

Create table Medicines(
medicine_id int primary key not null auto_increment primary key,
medicine_name varchar(50),
medicine_company varchar(50),
medicine_cost int,
medicine_type varchar(255),
medicine_dose int,
medicine_description varchar(255)
);
insert into
medicines(medicine_name,medicine_company,medicine_cost,medicine_type,medicine
_dose,medicine_description)
values('Panadol','Getz Pharma',50,'Tablet',450,'This Medicine is use For
Fever and Headache'),
('Extor','Gsk Pharma',400,'Tablet',1000,'This Medicine is use For Blood
Pressure'),
('Augmentine','Peek Pharma',500,'Syrup',300,'This Medicine is use For
Coughing'),
('Zental','Black Pharma',20,'tablet',150,'This Medicine is use for removing
worm'),
('Omega','White Pharma',80,'Tablet',250,'This Medicine is use for Vitamans')

create table stocks(
Stock_id int primary key not null auto_increment primary key,
Stock_items varchar(50),
Stock_number int,
Stock_type varchar(50),
Stock_description varchar(100)
);
insert into stocks(Stock_items,Stock_number,Stock_type,Stock_description)
values('Injection',21,'Infusion','Its use for Fever and other disease'),
('Syrup',40,'Liquid','Its use for fever and High Blood pressure'),
('Insulin',60,'Liquid','Its use for Diabetes'),
('Tablets',79,'Capsules','Its use for a related diseases')
```

```

Create table Company(
Company_id int primary key not null auto_increment primary key,
company_name varchar(50),
company_type varchar(50),
Company_address varchar(50)
);
insert into company(company_name,company_type,company_address)
values('GetZ Pharma','International','Attock City'),
('Shifa Pharma','Local','Islamabad'),
('AL-Ahmad','Local','Swabi'),
('RMI','International','Peshawar'),
('ABS','Domestic','Abbotabad')

```

QUERY:

```

Select * from Company
order by company_name

```

```

Select*from company
order by company_name asc

```

```

Select*from company
order by company_name desc

```

```

select*from company
where company_name='GetZ Pharma' or Company_address='Attock City'

```

```

update company
Set company_name='AGS'
where company_id=5

```

```

Select*from company
where Not Company_address='Attock City'

```

```

select*from company
where company_id between 2 and 4

```

```

select*from company
where company_name Like '%I'

```

```
Select*from company  
where company_name Like ' __I% '
```

```
Select*from company  
where company_name Like 'A% '
```

Query Explanation:

- Order By Company_name is use to sort the company name.
- And Also Use for Asscending and Descending order.
- WHERE Query is use for to find the company name and address.
- NOT Query is use for to not in the attribute.
- Between Query is use to find Company_id between 2 to 4.
- LIKE 'A%' Query is use to find the Company_name from First Letter.
- LIKE '%A' Query is use to find the Company_name from Last Letter.
- LIKE ' __T%' Query is use to find the Company_name from the mean position.
- UPDATE Query is use to Set the name of Company where id = 1.

Pharmacy Attribute Screenshot

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: medicines stocks company company pharmacy x

SCHEMAS

Filter objects

- comsats
- hospital
- pharmacymanagementsystem
 - Tables
 - company
 - medicines
 - pharmacy
 - stocks
 - Views
 - Stored Procedures
 - Functions
 - product
 - student
 - trip

pharmacy

1 • SELECT * FROM pharmacymanagementsystem.pharmacy;

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid

pharmacy_id	pharmacy_name	pharmacy_type	pharmacy_address
1	Booali Sina	OMH Pharmacy	Attok City
2	RMI	hospital Pharmacy	Peshawar
3	AL-Noor	hospital Pharmacy	Swabi
4	Aslam_Marwat	hospital Pharmacy	Charsadda
5	Shiffa	MH Pharmacy	Wah Cantt
NULL	NULL	NULL	NULL

pharmacy 1 x

Table: company

Columns:

- Company_id int AI PK
- company_name varchar(50)
- company_type varchar(50)
- Company_address varchar(50)

Object Info Session

Action Output

#	Time	Action	Message	Duration / Fetch
24	14:54:59	select from company where company_name Like '1%'; LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
25	14:55:14	select from company where company_name Like '1%'; LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
26	14:56:26	Select from company where company_name Like 'A%'; LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
27	14:58:03	Select from company where company_name Like '1%'; LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
28	15:28:55	SELECT * FROM pharmacymanagementsystem.company LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
29	15:29:01	SELECT * FROM pharmacymanagementsystem.pharmacy LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec

Windows Taskbar: 21°C Rain showers 3:29 PM 10/11/2021

Medicine Attribute Screenshot

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- comsats
- hospital
- pharmacymanagementsystem
 - company
 - medicines
 - pharmacy
 - stocks
- Views
- Stored Procedures
- Functions
- product
- student
- trip

medicines stocks company company pharmacy medicines x

1 • SELECT * FROM pharmacymanagementsystem.medicines;

Result Grid

	medicine_id	medicine_name	medicine_company	medicine_cost	medicine_type	medicine_dose	medicine_description
1	Panadol	Getz Pharma	50	Tablet	450		This Medicine is use For Fever and Head
2	Exlor	Gsk Pharma	400	Tablet	1000		This Medicine is use For Blood Pressure
3	Augmentine	Peek Pharma	500	Syrup	300		This Medicine is use For Coughing
4	Zental	Black Pharma	20	tablet	150		This Medicine is use for removing worm
5	Omega	White Pharma	80	Tablet	250		This Medicine is use for Vitamans
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

medicines 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
25	14:55:14	select from company where company_name Like "%I" LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
26	14:56:26	Select from company where company_name Like "A%" LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
27	14:58:03	Select from company where company_name Like "_%I%" LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
28	15:28:55	SELECT * FROM pharmacymanagementsystem.company LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
29	15:29:01	SELECT * FROM pharmacymanagementsystem.pharmacy LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec
30	15:30:37	SELECT * FROM pharmacymanagementsystem.medicines LIMIT 0, 1000	5 row(s) returned	0.031 sec / 0.000 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Table: company

Columns:

- Company_id int AI PK
- company_name varchar(50)
- company_type varchar(50)
- Company_address varchar(50)

Object Info Session

Type here to search

21°C Rain showers 3:30 PM 10/11/2021

Stocks Attribute Screenshot

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- comsats
- hospital
- pharmacymanagementsystem
 - Tables
 - company
 - medicines
 - pharmacy
 - stocks
 - Views
 - Stored Procedures
 - Functions
 - product
 - student
 - trip

Administration Schemas

Information

Table: company

Columns:

- Company_id int AI PK
- company_name varchar(50)
- company_type varchar(50)
- Company_address varchar(50)

Object Info Session

medicines stocks company company pharmacy medicines stocks

Limit to 1000 rows

1 • SELECT * FROM pharmacymanagementsystem.stocks;

Result Grid

Stock_id	Stock_items	Stock_number	Stock_type	Stock_description
1	Injection	21	Infusion	Its use for Fever and other disease
2	Syrup	40	Liquid	Its use for fever and High Blood pressure
3	Insulin	60	Liquid	Its use for Diabetes
4	Tablets	79	Capsules	Its use for a related diseases

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

stocks 1 x

Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
26	14:56:26	Select from company where company_name Like 'A%' LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
27	14:58:03	Select from company where company_name Like '___%' LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
28	15:28:55	SELECT * FROM pharmacymanagementsystem.company LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
29	15:29:01	SELECT * FROM pharmacymanagementsystem.pharmacy LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec
30	15:30:37	SELECT * FROM pharmacymanagementsystem.medicines LIMIT 0, 1000	5 row(s) returned	0.031 sec / 0.000 sec
31	15:31:51	SELECT * FROM pharmacymanagementsystem.stocks LIMIT 0, 1000	4 row(s) returned	0.031 sec / 0.000 sec

Windows Taskbar: 21°C Rain showers 3:31 PM 10/11/2021

Company Attribute Screenshot

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: medicines stocks company company pharmacy medicines stocks company

SCHEMAS

Filter objects

- comsats
- hospital
- pharmacymanagementsystem
 - Tables
 - company
 - medicines
 - pharmacy
 - stocks
 - Views
 - Stored Procedures
 - Functions
 - product
 - student
 - trip

Information

Table: **company**

Columns:

- Company_id int AI PK
- company_name varchar(50)
- company_type varchar(50)
- Company_address varchar(50)

Object Info Session

1 • SELECT * FROM pharmacymanagementsystem.company;

Result Grid

	Company_id	company_name	company_type	Company_address
1	Get2 Pharma	International	Attok City	
2	Shifa Pharma	Local	Islamabad	
3	AL-Ahmad	Local	Swabi	
4	RMI	International	Peshawar	
5	AGS	Domestic	Abbottabad	
	NULL	NULL	NULL	

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

company 1 x

Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
27	14:58:03	Select from company where company_name Like '__%': LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
28	15:28:55	SELECT * FROM pharmacymanagementsystem.company LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
29	15:29:01	SELECT * FROM pharmacymanagementsystem.pharmacy LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec
30	15:30:37	SELECT * FROM pharmacymanagementsystem.medicines LIMIT 0, 1000	5 row(s) returned	0.031 sec / 0.000 sec
31	15:31:51	SELECT * FROM pharmacymanagementsystem.stocks LIMIT 0, 1000	4 row(s) returned	0.031 sec / 0.000 sec
32	15:32:24	SELECT * FROM pharmacymanagementsystem.company LIMIT 0, 1000	5 row(s) returned	0.032 sec / 0.000 sec

Windows Taskbar: 21°C Rain showers 3:32 PM 10/11/2021

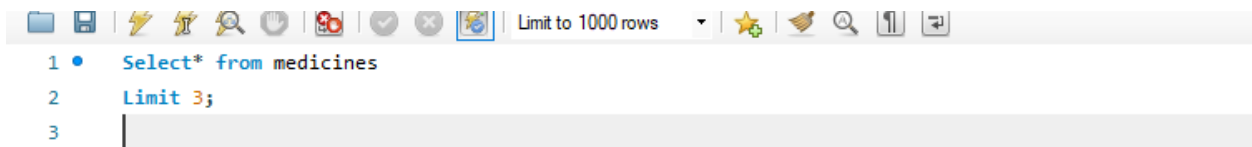
LAB ASSIGNMENT 2

QUERY REPRESENTATION:

LIMIT QUERY:

```
Select* from medicines
Limit 3;
```

This query will give the limit to the table columns and in my project Pharmacy Management System where if I give the limit to the table medicines this will only show the 3 rows of every column.

[illegible]





LIKE QUERY:

```
Select medicine_name  
from medicine  
Where medicine_name Like "ZE%";
```

This query will show the column and whose row start from First ZE.

And in my project Pharmacy Management System this will only shows these names in medicines table which start from ZE.

```
1 • Select medicine_name  
2 from medicines  
3 Where medicine_name Like "ZE%";  
4  
5
```

result Grid			Filter Rows: <input type="text"/>	Export: 	Wrap Cell Content: 
medicine_name					
Zental					

```
Select medicine_name  
from medicines  
Where medicine_name Like "%EX%";
```

This query will only shows the row where EX is available.

And in my project Pharmacy Management System I will only shows these medicine_name which there is EX is available.

```

1 • Select medicine_name
2   from medicines
3   Where medicine_name Like "%EX%";
4
5
6

```

Result Grid |  Filter Rows: | Export:  Wrap Cell Content: 

medicine_name
Extor

```

Select medicine_name
from medicines
Where medicine_name Like "%__tal";

```

This query will only show the name or any other column in table where name ends with tal. And in my project Pharmacy Management System it will only show these medicines names which ends with tal.

```

1 • Select medicine_name
2   from medicines
3   Where medicine_name Like "%__tal";
4
5
6
7

```

Result Grid |  Filter Rows: | Export:  Wrap Cell Content: 

medicine_name
Zental







IN QUERY:

```
Select *  
from pharmacy  
where pharmacy_address In("Peshawar","Swabi");
```

This query will show the column where Peshawar and Swabi is already exists.

And in my project Pharmacy Management System it will only show these column where Peshawar and Swabi already exists.

```
1 • Select *  
2 from pharmacy  
3 where pharmacy_address In("Peshawar","Swabi");  
4  
5  
6  
7
```

result Grid			Filter Rows: <input type="text"/>	Edit: 			Export/Import: 
pharmacy_id	pharmacy_name	pharmacy_type	pharmacy_address				
2	RMI	hospital Pharmacy	Peshawar				
3	AL-Noor	hospital Pharmacy	Swabi				
NULL	NULL	NULL	NULL				

AS QUERY:

```
select pharmacy_name as pharm_name from pharmacy;
```

This query will replace the coulumn into another column from table.

And in my project Pharmacy Management System It will change the pharmacy_name into pharma_name.

```
1 • select pharmacy_name as pharm_name from pharmacy;
```





2

3

4

5

6

result Grid				Filter Rows: <input type="text"/>	Export: 	Wrap Cell Content: 
pharm_name						
Booali Sina						
RMI						
AL-Noor						
Aslam_Marwat						
Shiffa						




CONCATINATE QUERY:

```
select concat(pharmacy_name,pharmacy_type )as newcoloum
from pharmacy
```

This query will concatenate the column and another column into newCoulmn

In my project Pharmacy Management System I will concatenate the pharmacy_name and pharmacy_type into new Table.

```
1 • select concat(pharmacy_name,pharmacy_type )as newcoloum
2   from pharmacy
3
4
5
6
7
```

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

newcoloum
Booali SinaCMH Pharmacy
RMIhospital Pharmacy
AL-Noorhospital Pharmacy
Aslam_Marwathospital Pharmacy
ShiffaMH Pharmacy