

Assignment-1

1. Create the following table CUSTOMER.

Cust_id	Fname	Lname	Area	Phone	DOB	Payment
Varchar(5)	Varchar(15)	Varchar(15)	Char(2)	Int(10)	Date	Float(6,2)
A01	Ivan	Ross	SA	6125467	15-jan-86	800.50
A02	Vandana	Ray	MU	5560379	20-dec-87	1000.75
A03	Pramada	Jauguste	DA	4560389	25-jul-67	500.00
A04	Basu	Navindi	BA	6125401	30-feb-56	860.00
A05	Ravi	Shridhar	NA	null	15-feb-89	500.50
A06	Rukmini	Aiyer	GH	5125274	23-jul-87	1500.50

2. Display the structure of the table you have created.
3. Display the data of the created table.
4. Insert a row which will accept system date.
5. Display the data in the table.
6. Update the phone numbers of customer A02 and A04.
7. Update the date of birth of customer A03 and A05.
8. Display the updated table.
9. Delete 2 rows from the table for customers A01 and A05.
10. Delete all the rows from the table.
11. Insert 5 records according to your own wish.
12. Update one record based on any criteria according to your own wish.
13. Delete any 1 record from the table based on particular criteria.

/*create a database on the server*/

create database customer info;

/* show databases is used to display all the databases*/

show databases;

Database
a
apeksha
bcsstudent
cityshopdb
customer_info
dumpdb
employee
information_schema
mysql
performance_schema
rtoofficeproject
sakila
student
sys
world

/*use keyword is used to select the database*

use customer info;

/*show tables is used to display all the tables in the database*/

show tables;

Tables_in_customer_info
customer

/*Describe command is used to show the structure of a table */

desc customer;

Field	Type	Null	Key	Default	Extra
Cust_id	varchar(5)	NO	PRI	NULL	
Fname	varchar(15)	YES		NULL	
Lname	varchar(15)	YES		NULL	
Area	char(2)	YES		NULL	
Phone	int	YES		NULL	
DOB	date	YES		NULL	
Payment	float(6,2)	YES		NULL	

/* show the data of the created table */

select * from customer;

	Cust_id	Fname	Lname	Area	Phone	DOB	Payment
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

/*Insert query is used to inserting records into a table and Insert a row which will accept system date*/

insert into customer values('A01', 'Ivan', 'Ross', 'SA', 6125467, date format('86-01-15', '%d %M %Y'), 800.50);

insert into customer values('A02', 'Vandana', 'Ray', 'MU', 5560379, date format('87-12-20', '%d %M %Y'), 1000.75);

insert into customer values('A03', 'Pramada', 'Jauguste', 'DA', 4560389, date format('67-07-25', '%d %M %Y'), 500.00);

insert into customer values('A04', 'Basu', 'Navindi', 'BA', 6125401, date format('56-02-29', '%d %M %Y'), 860.00);

insert into customer values('A05', 'Ravi', 'Shridhar', 'NA', null, date format('89-02-15', '%d %M %Y'), 500.50);

insert into customer values('A06', 'Rukmini', 'Aiyer', 'GH', 5125274, date format('87-07-23', '%d %M %Y'), 1500.50);

insert into customer values('A07', 'Geeta', 'Singh', 'MA', 4476895, now(), 550.00);

/* show all the data in a table */

select * from customer;

	Cust_id	Fname	Lname	Area	Phone	DOB	Payment
	A01	Ivan	Ross	SA	6125467	15 January 1986	800.50
	A02	Vandana	Ray	MU	5560379	20 December 1987	1000.75
	A03	Pramada	Jauguste	DA	4560389	25 July 2067	500.00
	A04	Basu	Navindi	BA	6125401	29 February 2056	860.00
	A05	Ravi	Shridhar	NA	NULL	15 February 1989	500.50
	A06	Rukmini	Aiyer	GH	5125274	23 July 1987	1500.50
	A07	Geeta	Singh	MA	4476895	2022-03-14 12:16:49	550.00
▶*	NULL	NULL	NULL	NULL	NULL	NULL	

/* Update query is used for updating records within a table */

update customer set Phone=9648869 where Cust_id='A02';

update customer set Phone=9922556 where Cust_id='A04';

update customer set DOB=date format('99-04-08', '%d %M %Y') where Cust_id='A03';

update customer set DOB=date format('92-05-21', '%d %M %Y') where Cust_id='A05';

	Cust_id	Fname	Lname	Area	Phone	DOB	Payment
▶	A01	Ivan	Ross	SA	6125467	15 January 1986	800.50
	A02	Vandana	Ray	MU	9648869	20 December 1987	1000.75
	A03	Pramada	Jauguste	DA	4560389	08 April 1999	500.00
	A04	Basu	Navindi	BA	9922556	29 February 2056	860.00
	A05	Ravi	Shridhar	NA	NULL	21 May 1992	500.50
	A06	Rukmini	Aiyer	GH	5125274	23 July 1987	1500.50
	A07	Geeta	Singh	MA	4476895	2022-03-14 12:16:49	550.00
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

/*Delete 2 rows from the table*/

delete from customer where cust_id='A01';

delete from customer where cust_id='A05';

	Cust_id	Fname	Lname	Area	Phone	DOB	Payment
▶	A02	Vandana	Ray	MU	9648869	20 December 1987	1000.75
	A03	Pramada	Jauguste	DA	4560389	08 April 1999	500.00
	A04	Basu	Navindi	BA	9922556	29 February 2056	860.00
	A06	Rukmini	Aiyer	GH	5125274	23 July 1987	1500.50
	A07	Geeta	Singh	MA	4476895	2022-03-14 12:16:49	550.00
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

/*Delete all the rows from the table*/

truncate table customer;

	Cust_id	Fname	Lname	Area	Phone	DOB	Payment
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

/* Insert 5 records*/

insert into customer values('1', 'Kajal', 'Pawar', 'MK', 1234567,
date format('86-01-15', '%d %M %Y'), 800.50);

