Task no: 2 Generating Design of other traditional Date: 05/108/25 Database model.
Asim: Implementation of DDL commands of Sal with Suitable example.
Def. DDL comands (Data definition languages) Def. DDL commands are used to define, modify, or delete the Arrecture of database Objects Such as tables.
Def: used to creat a new database.  Query.  SQL: creat table employed and the second s
output: phino varchar(100); table created in the control of the created in the cr
2. Describe or Desc.  Def: Display the structure of a table.
Ruery: SRI Desc employee; Out put:
Name Type
em_9d Number(3e)
em-name VARCHARDICIOO
em_ph_no VARCHAR 2 (100)

3. Drop table.

Def: Delete the entire table structure and all fits data.

Query.

sal prop table employee;

Table dropped.

U. Alter table.

Def: used to add, delete or modify column is an existing dable.

Query.

Sal Alter table employer ADD Salary Ent;

table altered.

11. DML commands ( Data Manipulation language Def: DML commands are used to manage and manipulate data Poside database

1. Insert into.

lables.

Def. Insert new rows anto table.

Sugar Constant and the state of in the same of the agree or regions, not confinition that i was not en entifying the france of the state of the first ezaste toh ist endough extended in the state. , which in denie it is March & Control of the Control of th o doar of the epidotah aum Type name Number (38) Varchan, 2(100) em-name em-ph-no varchar 2(100) salary number (38), / 100,000 - 1000 a into por youthours with finishing in installing in in in 1,1 4.5 ( supplied t 1 110 / 19 V 1/474758.41

Query: 391. Insert into employee values (101, 'Vinay) 1 85836426); insert into employee values (102, Vijay, , Cs49EFE858 Insert Ento employu values (103, 'Arun',

858776326); output.

2. Select.

3 row created.

Sal

103

Def. Retrive data from one or more table. Query

Select from employee; Output: emp91 em\_Name em-ph-no 101 Vinay 8283612P 102 858377648 vijay

858776326

3. updati Def: Modifies existing data in a table.

Arun

Query. SQL update employer Set em nam = 'ram' where em-92: 103'

output!

1. now updated.

After updati.

SQI Select & from employu;

Emp 89	The state of the s	
	em_Name	emp-ph-no
(01	Vinay	85836456
102	Vijay	858377645
103	Ram	858776326

4. Delete.

Def: Deletes one or more rows from a table

Query:

SQL Deleti from employer where em\_id=101;

I you deleted.

After delete.

Sac. Select & from employee;

em_9d	em_Namy	emi-ph-no
102	vijay	858377645
103	Ram	858776326

5. Select with where dalise.

Def: Retrives specific records that satisfy the condition

entry:

soi select from employs where em warm:

entry;

VEL TECH

EX NO.

PERFORMANCE (5)

RESULT AND ANALYSIS (5)

VIVA VOCE (5)

RECORD (5)

TOTAL (20)

SIGN WITH DATE

id money 1016

Result: The implementation of DDL and DM commands are executed successfully.

Command with Constrated Tosk no: 21 Date: 12/08/25 Am: Implementation of DDL and DML Commend, with constraints. DDL Commands I'l ereat table: Definition. Used to create a new table in the Query: SQI create table customer ( Customer ID intfrimary key, 1900001/1 · Varchar (100) Not null, Oddress VARCHAR(200) create table customer credit card Gredet card no VARCHARCED Primary bey expiry-date DATE NOT DULL, Customer-ID ant, FOREGIN KEY(customer ID) REFERENCE Customer (Customer 10) ٥', Create table Branch ( 1411

branch DO INT Primary key branch Name VARCHAR MOOM of null location varchar (100) IFSC-code VARCHAR (20) UMIQUE.

## desc customen

Name	NULL		Type
Customer ID, Name Address	not null	1,000	VARCHAR 2 (106)

, 1. pm. 1

and the south of the first of the second

## dose Customer eredit card;

Marie	Type	NULL
CREDIT CARD NUMBER	VARCHAR 2 (20)	MOTHULE
EXPIRY - DATE CUSTOMER ID	DATE NUMBER (3R)	NOT NOU

desc Bronch;

3.7		
Name	Duce	TYPE
BRANCH ID	NOT NULL	NUMBER (38)
BRANCHNAME	NOT HULL	VARCHAR 2(100)
LOCATION		VAR( HAZ 2(106)
Arsc_copt .	, y comband of	VARCOCAR 2(20)
, , e), , j	), () 1 (, ) % N* 3!	The same of the sa

Create table Bankefinfo( banterID Ibt PRIMARY ICEY, bonker Name VARCHAR (100) NOT null, banter Email UNRCHIAR(100) UNIDUE, FOREIGN ICEY (Branch ID) References Branch (Branch ID) 2; Create table loan ( loan Number INT Primary KEY. amount INT, FOREIGN REY (constoner 20) REFERENCES Customer (customer ID) FOREIGN KEY (branch ID) REFERENCES Branch (branch 10) Create toble Account ( account number INT PRIMARY ICEY balance INT, Category NARCHAR (50), FOREIGN KEY (customer 2D) REFERENCE Customer ( customer 10), FOREIGN REY (Branch 20) REFERENCE Branch (pranch ID) 1.2 Alter table - Marcagna Karama Andra Alter table customer add Ph-no, NARCHIAR (10); 1-8 Truncali take Truncati table loan Result: All rows are removed from loan table. Structure remains.

drek Banker Info! TYPE NULL Vame NUMBER (38) BANKERTD NOTAULL VARCHIAR 2(100) BANKERNAME NOI NULL VARCHAR 2 (100) BANKER MAIL NUMBER(38) BRANCHID desc loan', Name TYPE NULL NUMBER (38) LOAN\_NUMBER NOTHULL NUMBER (38) AMOUNT NUMBER (36) CUSTOMER-PP NUMBER (38) BRANCH-ID Account NAME TYPE NULL

desc ACCOUNT\_NUMBER NUMBER (28) NOT HULL NUMBER (38) BALANCE VARCHAR 2(50) CATEGORY VARCHAR 2 (80) CUSTOMER\_ID NUMBER (3) BRANCH-ID.

	NULL /	TYPE
NAME	Note	1 - 110101
CUSTOMER ID	NOT NULL	NUMBER (38)
NAME	NOT NULL	VARCHARCION
ADDRESS	X . , p . , 1 - %	VARCHA R2(100
PH-NO		VARCHARZCIO)

1.4 Rename table Conome table customer to customers 2. DML Commands 201 Insert data Insert into customery automor ID, nome, address, ph. no) Values (238, 'Ram', Chinnai, 83456789'), Theert into customercredit card (credit cord number, Expiry date) Values (18329 9256 6284, 12-mar-2030). Fosest Into Branch (branch TD, branch name, location, ÎfSc-code) values (4590, chennai branch, chennai! 18925 U596 6311"); Prosert Prito Banker info (banker ID, banker Name, banker email) values (7896, Chandul Chandul @gmail.com) (7897, Nandhu!, handhu 72@gmail. (om); Ensert Porto loan (loan number, amount value) (8996, 50000) Insert ento Account (Account Number, balance, category) values (5985423108, 100000, 'Savings'). 2.2 Update Data Update customer Set nam = 1 Vinay where customer DD= 238, Repult'. Nogre & updated to Vingy. 2.3 delete Data Deletz from banker Pinfo where banker ID = 7876;

1.4 . Rename table.

Table renamed.

Customer_20	NAME	ADPRESS	Ph-no
2-38	Ram	Chennai	83426789

Credit Cord number	Colptony -c	date	Customer-Do			
8329295862	34 (L- MAR	-2030	238			
Branchip	Branch NAme	location	TES C-COde			

(2) (1 + 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 ·			
Bankerlo	bankername	Banker & mail	Bronch 20
7896	Chandu	Chondu H@	4590

Chennai

Branch

1 0			
loan number	amount	customer 20	B ranch 20
8996	50006	238	4590
		11.	The second second

	40	
number	Batance	Category
5985423108	10000	Savings

After updating the table!

CoestomerID NAME ADPRESS

238

Vinay Chennai & 3456 789

## After deleting the table.

	Lance of the second second	0 4 8	Branch 20
BankerID	Bankernami	Dani Email	
Danie.		nandu720	4.790
7897	nandhu	gmail.com	.10.

## Select.

Name	Phno		
Ram	83456789		
1			

Select name, Ph-no from Customers;



Result: The task to make DDL and DML commonly with constraints arecuted Successfully.