Creation and Manipulation of database using SQ1 sexipt and graphical Interfaces

Aim: to implement the creation and manipulation of database using SQL Script and graphical interface > The data definition, table creation, constraints operation using DOL commands and some > The Insert, select, update & delete operations wing DML Commands. > The Commit, vollback, sever point operations using etable demands TCL commands. files seek 2307 DDL Commands 2) ALTER 3) RENAME (4) DROP > CREATE D CREATE Synic reate table _ name (column_1 dadatype (Size), Column_2 datatype(size),... Column_ndatatype(size); SOIL) create table customer do 1 (custID. int, customer name Varchar 2(15), Customostreet varcha 2(20), Curtomer City varcha 2(10), primary key (customestD); ingred shirttable created Sals desc customer; Type Name Number (38) cus tomas ID Varchanz (15)

cw) tomer name

customerstreet Narchar 2 (201)

Varchar 2(10). customer city

2) ALTER TABLE;

other table table-name modify (tolumn - I dolatype (Size)); SOIL) alter table customerool add (phoneno int); table altered

"(The track)

SQL) dese customer; no de de dept todas

pullament to HollstuTypes how relies customer IP 19:626 1132 custo more vardon(25) Cystomer street Voiclar (26) Customer City Vanchor (10) RENAME change the table name Synthological stolets & stolete operations of Rename < table names to I new table names; SQL) benames contomeron to custooi, table renamed DURANTES JOT SQLY desc cutt Nymando, 199 9099 Namerhausa . 9 Types 37439 Cw tomer ID pumber (38) Customer Name Varchar (25) Customer Street vardar(20) (10) 2) 91 Customer City Varchor (10) DROP THE TO TABLE when shot shows the polone (Doop Hable (table name;) section de (21) s noutros SQL) drop table custoff, motion) post promiting, (or): table dropped. SCALS dear customer) SQL) desc custooi; ERPOR: object custoor does not exist DML COMMANDS; culyma stored vactur > INSERT TABLES ENDON PHO ONITHO WALTER DATE: -> SELECT /TABLE -11572) OPDATE MITTABLE BOIL SMALL SHOP SHOP (12) on OFFE TO BLE MOTOR SIND (10) INSERT bottle eldet Syn INSERT into table _ name values (column 1, column) · · · · · · (Column_n):

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insert into table_name value ("& ATI, & AZ', & A3'....
             .... '&An') ophas most of Joses (100.
  Retaileral of Information
 Syntax
    Select * from table_name, or ismobiles
 EX:
              from customer juste comotive
sauselect *
           Eustones Cots VHECHARIS
    Select A1, A2, A3; An from 81, 82, 83 m where
 EX:
SQU) select customer ID, customer name from customer
where Customerors "Ascurity and short suit stand wi
    customer ID customer name IMO pol abord
          LOI AGUN GUAMMOD TIMMODA
                   PROLLBACK COMMAND
  Modifying Information by update TUIOTENAS &
   SALSI
   update lible-name set column name= 'new-value' where
Synta:
 Column-name= old-value;
                               table consted
 50:1-> update customer set contomernamez babu where cut ID = 101;
   1 row updated
Deletion of Information
                         AHILD
    delete from table-name where condition;
Synt oat
SQL> delete from customer where customername = 'kumai';
                       SALS COMMIT!
  1 row deleted
SQL) Select * from customer; staland +immo
  customer ID customername customer street. Customer city
              vijay branathi street chennai
              dinesh new street vellore
     102
     Lord of rameshinds long street & vellore
Truncating a table possess 2006)
 Deleted the seconds & not the stoucture of a table
                  Source points & control
391) francate table customerooi;
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-table entranceded) would share share share SOIL) select + from Ecutomerool; sous selected. SQL) desc customer Summy? pame Type customes ID Mumber (38) 1 customes name VARCHAR (15) customer Street VARCHAR(20) VARCHAR (15) Customer city TCL (Transaction control statements) TCL Statements are used to manage transcation in data base. These are used to manage the changes made by DML Statements of 10 1919 of 1019 > COMMIT COMMAND AUGIN > ROLLBACK COMMAND > SAVEPOINT COMMAND He nothanichez prightboth Junton! Sal) create table classoci (ID int, NAME Varchar (15)): -Mames' old_value! table created. select * from Class batcher was 2 you updated NAME Deletion of Information 1 ajith delete from table name whomeon 12 angle SCI > delete from customs where customs made all puns SQL > Commit; Commit Complete. 151110/105 Calloma Heed SOIL) Save point A; Save point created INSALY insert into classivalues (6, 'christ); 1 sous craded Truncosting a table SOIL) save point Bir ton & about all istales Save point Breatedi furrente talle sustancion

SQL) indext into Classockhalues(7, Blave); 1 Dow Crewled of the months of the second Save point chated. Sally save point c; The resultant table will look like profile animoskab of Sals select to from classicol SHOULD WHITE FRONDEL OF YOUNGOUS monisha mill to dod Algoball Al When I not be the Braket to not good of the of Now mill Now rollback to save point B ID: NAME ! Rollback Complete no relieur et 1213 na lun SAL) select of from class AT bromusob IHTH Go most when some st a Vijiet brosel otal betspured finied and strem (sob Chris! scott) Now tollback to save point Asini IID NAME Sally rollback to Aire to salt ist in principal back complète answer out appoint about etic Sach's select & from classiful does now less monished only surfavored by that is displayed to the west of THE SO COST this addack does not seem to be very well prout to a re personal st THE is to modern of the sensidered of a quite simple language, those less these me Shiftings was to restorm this type of addice. it to dunge the displayer websites, appearing of to steel allottely Por son's identify Result: Thus to implement the foredion and manipulation of database using SOIL SEPPETS are graphical interfaces is written and executed successfully.