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2.Implementation of DDL commands.

//CREATE TABLE

CREATE TABLE EMP(AGE INT(50),NAME VARCHAR(40),CITY VARCHAR(40));

//INSERTING RECORDS

INSERT INTO EMP VALUES(10,'GARV','MUMBAI');

//ALTER

ALTER TABLE EMP

ADD PINCODE INT(40);

//DROP TABLE

DROP TABLE EMP

SELECT*FROM EMP

3. Implementation of DML commands.

CREATE TABLE EMP(ID INT(10) PRIMARY KEY,NAME VARCHAR(20),AGE INT(20));

INSERT INTO EMP VALUES(4,'SANJAY',90);

DELETE FROM EMP WHERE ID=1;

SELECT*FROM EMP

UPDATE EMP

SET ID=15 WHERE NAME = 'GARV2';

UPDATE EMP SET NAME='JEESHAN' WHERE ID=4;

SELECT*FROM EMP

4. Implementation of SQL Constraints.

Not null

CREATE TABLE EMP(ID INT(10)NOT NULL,NAME VARCHAR(20),AGE INT(11),CITY VARCHAR(300),UNIQUE(ID));

INSERT INTO EMP (ID,NAME,AGE,CITY) VALUES(2,'GARV2',25,'MUMBAI');

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INSERT INTO EMP (ID,NAME,AGE,CITY) VALUES(3,'SANJAY',100,'MUMBAI');

INSERT INTO EMP (ID,NAME,AGE,CITY) VALUES(4,'JEESHAN',45,'MUMBAI');

PRIMARY KEY

CREATE TABLE Persons

(

P_Id int NOT NULL,

LastName varchar(255) NOT NULL,

FirstName varchar(255),

Address varchar(255),

City varchar(255),

PRIMARY KEY (P_Id)

);

FOREIGN KEY

CREATE TABLE Orders1

(

O_Id int NOT NULL,

OrderNo int NOT NULL,

P_Id int,

PRIMARY KEY (O_Id),

FOREIGN KEY (P_Id) REFERENCES Persons(P_Id)

);

Check

CREATE TABLE Persons

(

P_Id int NOT NULL,

LastName varchar(255) NOT NULL,

FirstName varchar(255),

Address varchar(255),

City varchar(255),

CHECK (P_Id>0)

);

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DEFAULT:

CREATE TABLE Persons

(

P_Id int NOT NULL,

LastName varchar(255) NOT NULL,

FirstName varchar(255),

Address varchar(255),

City varchar(255) DEFAULT 'Sandnes'

);

5. Implementation of SQL Logical operators.

1. OR Logical Operator:

SELECT*FROM EMP WHERE AGE<34 OR AGE>100;

2. AND Logical Operator:

SELECT*FROM EMP WHERE AGE<30 AND AGE>35;

2. NOT Logical Operator:

SELECT*FROM EMP WHERE NOT NAME='GARV2';