EX NO: 3

DATE: 21/2/24

PROVIDES & PROVIDER DATABASE

AIM:

1. Crearle the table pieces with the following fields.

Field Name	Dalatype	Width	Constraint	Description
Code	In-leger	6	Primerry	Piece Code.
Name	character	25	Not roull	
Color	character	10	white or black	

2. Create the table providers with the following fields.

field Name	Dorlatype	width	Constraint	Description
Code	Character	8	Primary Key	Provides Code
1			Not Nall	
S-la-le	characles	15	fill it with	
Phone no	Number	10	la lue rund be 10	

3. Create the dable Provides with following

field	Darlos	Width	Constraint	Description.
			Primary Key, Breign Key	Piece code
Provider	character	6	Primary Key foreign key	Providers Code
Price	Numeric	8,2		Paice of the piece
Qdy	Numeric	5	Not Null	Number of Pieces.

INFERENCE! The program has been executed successfully

ALGORITHM:

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- 8-lep 1: Connect to the Oracle database using appropriate credentials.
- Step 2: Use the create table statement to define the Hable's structure and constraints for the pieces dable.
- 3tep 3: Use the CREATE TABLE Startement to define the dable's structure and constraints for the Provider dable.
- Step H: Use the CREATE TABLE Stadement to define the table's structure and constraints for the Provides dable.
- Steps: Insert the values for pieces table using the INSERT INTO Statement.
- Step6: Insert the Values for the provider dable using INSERT INTO Statement.
- Step 7: Insert the Values for Provides table using INSERT INTO Stadement.
- Hep 8: Execute the SQL Query for redolering the clarla from database using the appropriate 3QL 3-levelement.
 - Step 9: Fetch the and Display the Results using SELECT startement.
 - 3/ep 10: close the Darlabase connection,

DATABASE MANAGEMENT SYSTEM(Practical)

EX NO: 4

DATE: 7 3 2 4

MANUFACTURERS DATABASE

AIM:

1. Create the dable MANUFACTURERS with the Following fields.

Field Name	Doula type	Couldth	Constraint	Description
Code	lbteger		Primarey Key	Manchen turers Code
Name	characters.	20	Not Nell	Name of Manufacturer

2. Croeade the Products dable win the following fields.

Field Name	Darla - lype	Constraint	Description
Coole	Indeger	Poimerry	Product Code
Name	Characters	Not Null	Name of the Products.
Price	Real		Product Price
Manufacturer	Indeger	Foreign Key	Manufacturer Coole.

INTERENCE: The program has been executed successfully

ALGORITHM:

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- Step 1: connect do the Oracle database using appropriate credentials.
- Step 2: Ose the CREATE TABLE startement to cledine the dable's staudure and constraints to for the Manufactures table.
- Shep 3: Use the CREATE TABLE statement to define the table's structure and constraints for the products table.
- Step H: Insert the values for the Manufacture's table using the INSERT INTO statement.
 - 3tep 5: Inesert the Malues for the Product table using the INSERT INTO statement.
 - Step6: Execute the SQL Query for redrieving

 Ahe darla from the darlabase curing the
 appropriate 3QL statement
 - Step7: Petch and Display the Results using SELECT statement.
 - Step 8: close the Darlaberse connection.

EX NO: 5 DATE: 11 3 24

EMPLOYEE DEPARTMENT DATABASE

AIM:

1. Crearle Albe depardment dable as

Alelel	Dorla	Wietlb	Constoaints	Description
Coole	Indeger	25	Primary Key	Department
Name	Text	20		Name of the alepartment
Bädget	Real			Budge +.

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DATABASE MANAGEMENT SYSTEM(Practical)

2. Crearle Employée dable as follows.

Type	Width	Constraint	Description
Indeger	25	Doimary Key	Employee number
Teock	20		Empbyee Name
Text	20		Employee last name
Indeger	25	Joreign Key	Dept code.
	Text	Indeger 25 Teach 20 Teach 20	Indeger 25 Ney Teach 20 Teach 20

ALGORITHM:

Step 2: connect the practe alarbabase using appropriate credondials.

8tep 2: 19se The CREATE TABLE 3 tolement to define the table's structure and constraints for the Department table.

Step 3: Use the CREATE TABLE statement to clefine the trable's structure and con-Straints for Employee dable.

Steph: Insert the values for the Department dable using INSERT INTO 3-larlement.

Steps: Insert the values for the Employee dable using INSERT INTO statement.

step 6: Execute the 3QL Query for retreit ving the data from the darlabase using the appropriate SQL statement.

3 tep 7: Fetch and Display the Results using SELET Shademend.

8step8: close the Databesse connection.

The program has been INFERENCE: executed successfully.

DATABASE MANAGEMENT SYSTEM(Practical)

EX NO: 6

DATE: 13 3 24

MOVIES DATABASE

AIM:

1. Croeade the dable MOVIES with the following fields.

	7		
field Name	Dorlar type	Wiadh	Constoain-1
Code	Indeger	10	Primaroy 1 Key
didle	Marchar	30	Not Nul
Roiling.	Varchar	30	

2. CREATE the table MOVIETHEATERS with the following fields.

Pield Name	Darla Hype	width	Consilionina
Coole	Inclegers	10	Not Null, Joreign Key
Name	Varichard	30	Not Null
Movie.	mdeger	20	

ALGORITHM:

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Step 2: connect to the Oracle darlabase wing appropriate crendentials.

8-lep 2: Use the CREATE TABLE 3-larlement to ele fine the dable's structure and Constraints for the movie dable.

8tep3: Use the CREATE TABLE stadement to define the table's structure and constraints for the Movie theatre table.

8tep 4: Insert the values for the Movie dable using INSERT INTO statement.

Steps: Insert the Values for the Movie Theadre dable Using the INSERT INTO startement.

3 tep 6: Execute the SQL Query for retreving the date from the Database using the appropriate SQL startement.

3 te 1: Tetch and Display the Results using

Step 8: Close the Parlabase connection.

SELECT stortement.

INFERENCE: The program has been executed success filly.