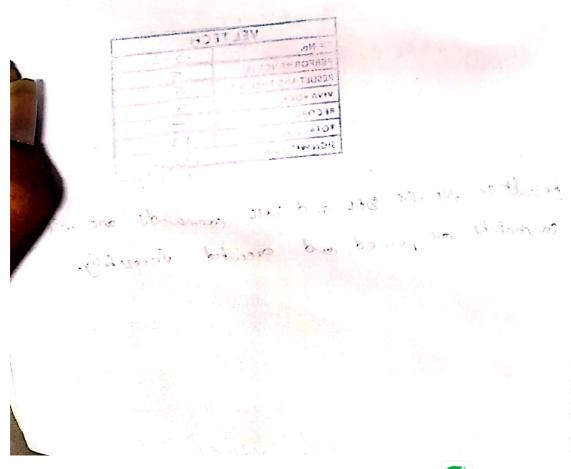
Table After Event:

| Patient 3 D | Parent Name | Department | Crender |
|-------------|-------------|--------------|---------|
| 111 | Aries " | Condisolo gy | Male |

-Cople after UPDATE:

| Burent ED | Patentrane | Department | orender |
|-----------|------------|-------------|---------|
| 6 () | Kuman | Conditalogy | rale |



Finckers or quiries

operators and functions on queries.

Date manyrighter language (DML) 8.

the data manipulation language (DML) is using to retrice , insent and modify database informations. There cannot built be used by all database used by all database used during the nowhere operations of the database less take a brief cook at the basic look at the Basic look at the Basic look at the Basic look at the

inflower : ATAD LOOK pollo shape doodie

2. UPDATE NO Chamber and American all and stated

3. BELETE

INSCRT INTO 3-

This is used to add necords into a nelation

Syntax:-

values (data 1, deste 2... data n);

Examples

521:

INSERT INTO Patient VALUES (III, Amin) Condiglogy, reales,

UPDAPE - SEP - WHERE:-

this is used to update the content of a second in a relation.

SYNEAX:-

91:

UPDATE table hard SET field = data WHERE Condoples.

UPDATE Pakent SET policy trang = termal where

Pakent D= 110

Appointments table after DELETE! Referred Control Appartment or timbersoft

cable After DELETE:

| 10 year 2V | Doctorname | Department | fees |
|------------|------------|-------------|------|
| 501 | Dr. sharma | cardiday | 1000 |
| 203 | or Awred | neono logy | 900 |
| 2041 | Dr. Rajesh | orthope toc | 500 |
| 205 | Dr. Neva | Dernatalogy | 800 |

Patients Pable after francATE: Patiented patientrane Department crender.

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Supported int coase rang 7 (Reld 2 in 180) values (deta 1, deta 2 - deta 1).

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The Establish to explose the content

There there is the state of the court will be the

DERETE TRONS-The is used to delete all records of a substitut but it retain der streeture. 1 1 1 1 7 1 1 stell (polition) SYNTAX: refrest Sq1: store 2st appears DELETE FROM table_rame; Frample :-Sq 1! DELETE SROK Appoint news: DELETE _FROM - WHERE: mon robot (1) which their is used to delete spelific records from a relation Syntax: 1341, 361, 1961, 190" Solt!-DEECTE FROM table name wHERE condition Example: Se! 4:alto bank DECEPT FROM Portor where Doctor ED = 202; PRUNCATE! - 200 The removes all data permanently but keeps the table Structure 305 10 4 11 508 50121-TRUNCATE TABLE Ctable names; Frample!-F1 7: CRUNCATE PABLE PORBUBI Sample Queries and autput: I Retrie patient names ending with letter is and patient no 6/w 111 and 115

| Palient rane | Department | Geiden |
|--------------|----------------|--------|
| Arun | Candiology | Male |
| Kanan | onthoredic | Male |
| Rober | Denunatology ' | Male |

| | | | (1) |
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| Doctor ED | Poctor name | 177/W - 1707 | |
| | 07 0431 | Reportment | |
| 202 | | 3/30 03. | fees |
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| 205 | , , | padiationa | 700 |
| | Dr. Neba | 0- 1-1 | -1460 |
| C. d. to | - YOUNG CHER | Dernatology | 800 |
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| 301 | (1 2 | 203 | 2023-02-03 |
| 1 20 3 mm | hpritzmad h | minsola | 202-02-04 |
| 304 | | | ਪ |
| 205 | 10 4 | 202 | 202-02-60 60 |
| | 45 | | - 5) |
| | West Pest | 205 | 2023-02-12 -25 |

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Query: -591-11-

ELECT patient name, department, ander from patients withere parent some core "for" AND parentail BETWEEN 111 AND 115.

2. List doctors where consultation sees the two and 800 query !-2617:

in the same SELECT # FROM Doctors wHERE feer BETWEEN 700 AND 800 aloty

3. Find the second with merenum appointment durables

avery 6-

Zal I:

SELECT MINC(OURATION) FROM Apportmenting

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MIN (Buration)

20

4. And appointment with date 7, 2023-02-02

pholoroid pompline

Query . -

911:-

SELECT * FROM Appointment WHERE APPOINTMENTS DOJE >= (2023-02-4)

· Kalagar Fl

5. List de Apad & Dr.

Query

51 1:

SELECT DISTINCT Parient ID FROM parent. alst so

who was

pe se bet of

Output :

| Pares 51 | > |
|----------|------|
| 111 | none |
| 112 | l |
| 112 | l |
| uy | |
| 116 | |

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|--------------|-------------|-----------------|-------|
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| | | 0 11 7 | 315 |
| kandidog y | rlale | 1 | |
| Herology | female | Drugger and by | 14 |
| orthopedies. | Hale | 1 | W. W. |
| pe dia tries | female | 1 1 | E. |
| Dennatology | Hale (1001) | יכר אנשר סני | 132 |
| | | | |

| Doctor Name In | Department | Coent |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Dr. Ahmed | Nemology | |
| Dr. Noha | Dernatology 40 | כנוןכי וויין |
| Dr. Prya | as) pediatralar as il | sponda . |
| Dr. Rogery | onlo pe dici | 2 (A (1) 19 |
| Or shadina | Candislogy | 100 |
| | ALTERNATION OF THE PARTY OF THE | |

6. Contine Patent ADs from patients and Appointments (NOIN) Query: 21.4: SELECT pakent I from pakent UNION SELECT pakent CD from Appendments: 7 Group patients tried on gender and department Dery 17 (plate most) S/ 7:-SELECT Department, based Grender, count (x) As · total patients FROM patients 500 aroup By Beport new ander. 8. find dolors and west department details using arour By and order By Query :-Sq1: . SELECT Doctor Dane , Department, court (*) A court from Dockgo CROOP Dy Dovor Name, De EXNETTENT africa by obtain name PERFORMANCE ·ECOMD (5) TOTAL (20) Perel: - The inderentation of DML commands will clauses, gokolos and functions in Diegrey executed bucces fully.

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| | pakedeb | parter ware | Department | Ball Mas |
| | 101 | Arecy | Cordialogy | 1 |
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| | 103 | Karan | arko pedice | 3 20 |
| | 104 | Meera | pediatry | 150 |
| | 105 | Ostan | Dernetology | 4000 |
| | , | | | 112 |
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Tark 3.2 A aariegate Rencher (Hull Row operation) DEN B to study and implement aggregats hunches Count c), gul H(), AUCL() HINC), HAR()1000 Sample patred database. prace duras-In Create a table named students. 2. Insent Sample records. confite queries voting aggregate hunchign. observe and record , see output. COMMAN OS WITH EXPLANATION: Example Cable po 1. Court que total number of patient sql! SELECT COUNT(*) As total _Rahents FROM paranty Dutput: Hotal phents 2. find relighest bell amount Sq! SELECT HAT (BOIL Amount) As Highest-BALL FROM pairent. Output: Higher BOII 4000

3. Find the average bill amount of patient Sql: and SCIECA AVA COMIAmount As prerege . Well frost pakents) Output 18-Average Roll 2700

4. Find also minimum till amount arrows patients in Neurology department sq1:-

SELECT HIN COSIL PAMOUND I AN MIN NEWS - OFFI

out put: -Men_Nevoro_Bet

5. Find the total bill famount by each department Sql:

SELECT Department, BUM (ROll Amount) As Total _ BPU

from parkents

Croup By Departments

alputo-

| Department | -Cotal-BP11 |
|-------------|-------------|
| cards by | 2000 |
| Neurology | 3500 |
| orthopodics | (500 |
| rediance | 4000 |
| Permabology | |

6. Ahod els average till per department, ordered by average descending -11pz SELECT Department, Ava CBPII Amounts As Aver BOY from parents Group Bx Department ordered By Aug _BPU DESC; output:-

| | | ì |
|--------------|-----------|---|
| Department | Awg _BOII | |
| pediahes | 4000 | |
| Neurology | 3500 | |
| Dern glology | 2500 | |
| Cardio logy | | |
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| orto pedoc | (500 | |

VELTICH R.2

feutor the explementation of Aggregate 8/6/1/25 are executed Success fully.