

מיני פרויקט בבסיסי נתונים

מכבי- מרפאת שיניים

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פרויקט מרפאת שיניים:

מרפאת שיניים רב תחומית, עכשווית, המציעה למטופליה מגוון טיפולים דנטליים מתקדמים מכל הסוגים, תחת קורת גג אחת, תוך הקפדה יתרה על עבודה בתנאים סטריליים מחמירים, טיפול באווירה רגועה ומתן יחס אישי לכל מטופל.

המרפאה כוללת צוות מקצועי מהשורה הראשונה, עם וותק וניסיון רב, כולל רופאים מומחים לרפואה ושיקום הפה, כירורגיה יישור שיניים (אורתודונטיה), רפואת חניכיים (פריודונטיה), טיפולי שורש ורפואת שיניים לילדים וכן יועצים מומחים מהטובים בתחומם, שינניות וסייעות וכולל מתן מענה לטיפול חירום כשאיכות הטיפול והרמה המקצועית עומדות מעל לכל.

הישויות הראשיות- צוות- צוות המרפאה שמתחלק לרופאים ולצוות המשרד לקוחות- הלקוחות הבאים למרפאה על מנת לקבוע תור ולקבל טיפול

הפעולות בתחום המרפאה-

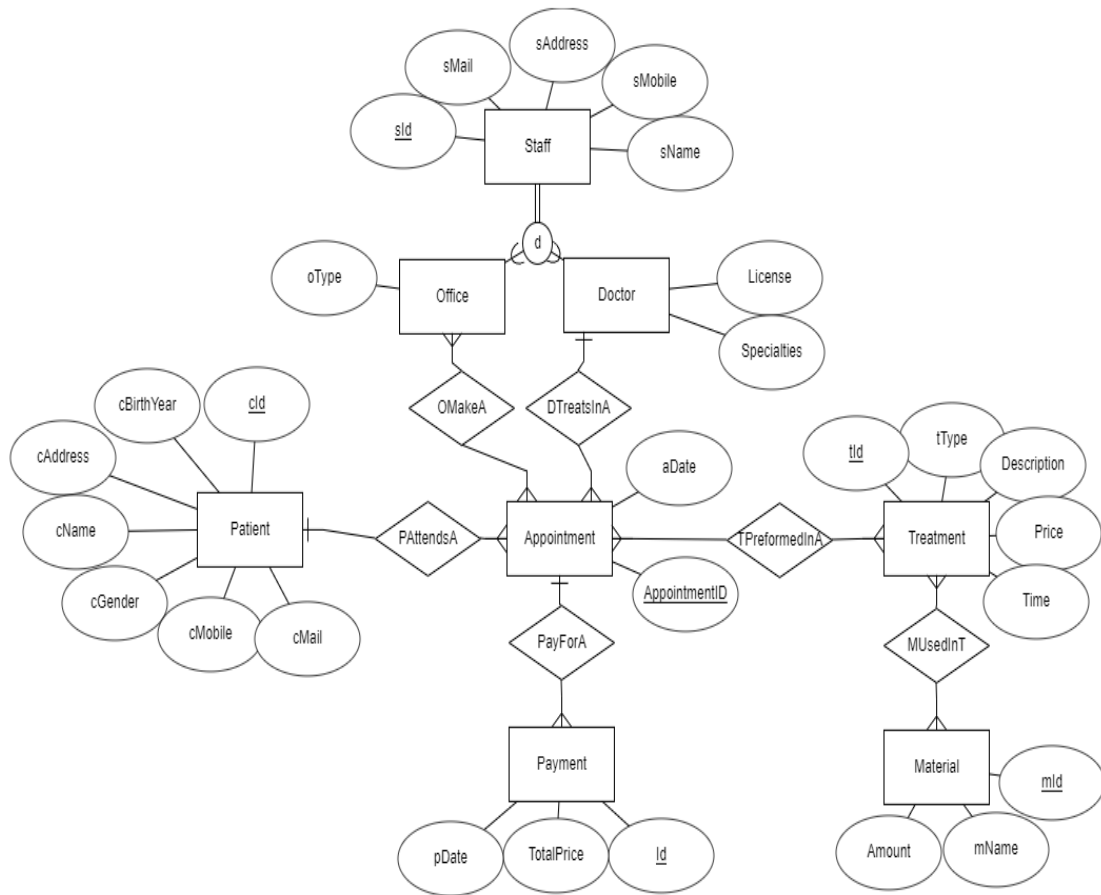
צוות המשרד יכול לקבוע ולתאם תורים עבור לקוחות,

לכל תור משויך רופא וכן נקבעים סוגי הטיפולים שיתבצעו בו, ניתן לבצע כמה בתור אחד.

עבור כל תור ניתן לשלם בכמה תשלומים וכן ניתן לשלם עבור כמה תורים בתשלום אחד.

עבור כל טיפול נקבע באילו חומרים ישתמשו

תרשים ERD



הסבר תרשים-

פירוט ישויות:

Staff: - טבלת צוות המרפאה

sID	ת.ז.
sAddress	כתובת
sMobile	פלאפון
sName	שם
sMail	מייל

Doctor: - טבלת צוות הרופאים

license	רישיון רופא
specialties	סוג התמחות

Office:

oType - סוג עובד המשרד

Treatment: - טבלת סוג הטיפול:

tID	מספר זיהוי של הטיפול
tType	סוג הטיפול
Description	תיאור הטיפול
Price	מחיר
Time	זמן הטיפול

Appointment: - טבלת התורים

AppointmentId	מספר זיהוי לתור
aDate	תאריך התור

Patient: - טבלת הלקוחות

cID	ת.ז. לקוח
CBirth Year	שנת לידה של הלקוח
cAddress	כתובת הלקוח
cName	שם לקוח
cGender	מין הלקוח
cMobile	פלאפון הלקוח
cMail	מייל הלקוח

pPayment: טבלת התשלום

ID	מספר זיהוי של העסקה
TotalPrice	מחיר כולל
pDate	תאריך העסקה

Material: טבלת האספקה

mID	תעודת זיהוי של האספקה
mName	שם מוצר האספקה
Amount	כמות האספקה

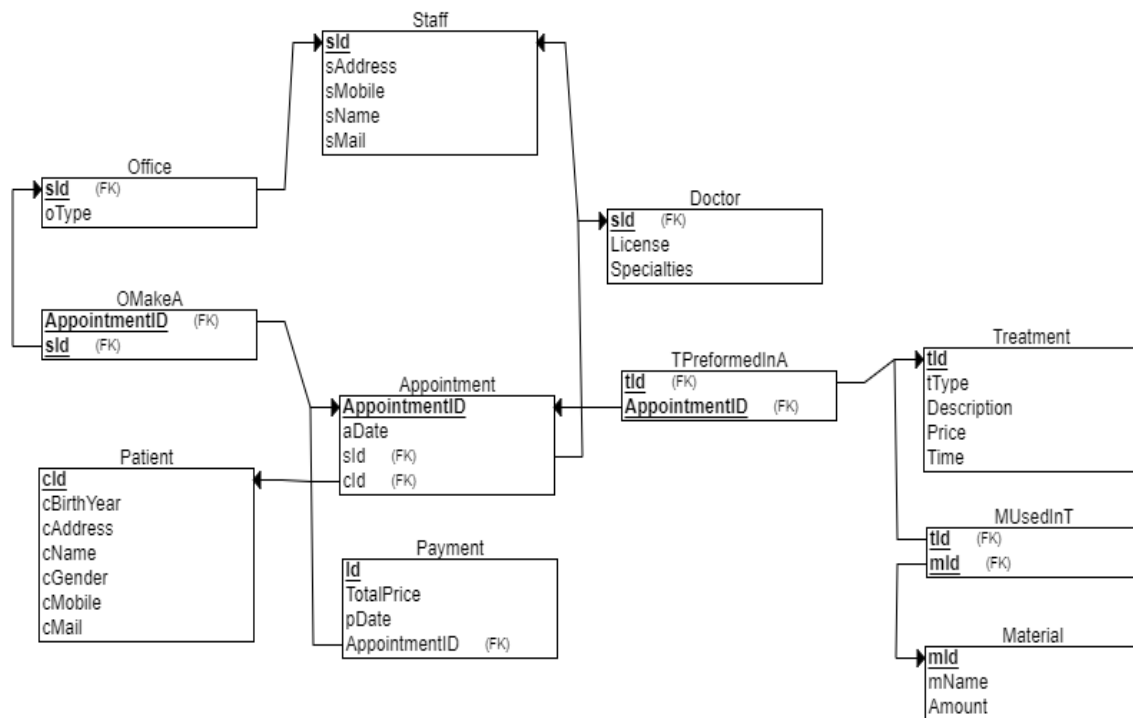
הערות כלליות-

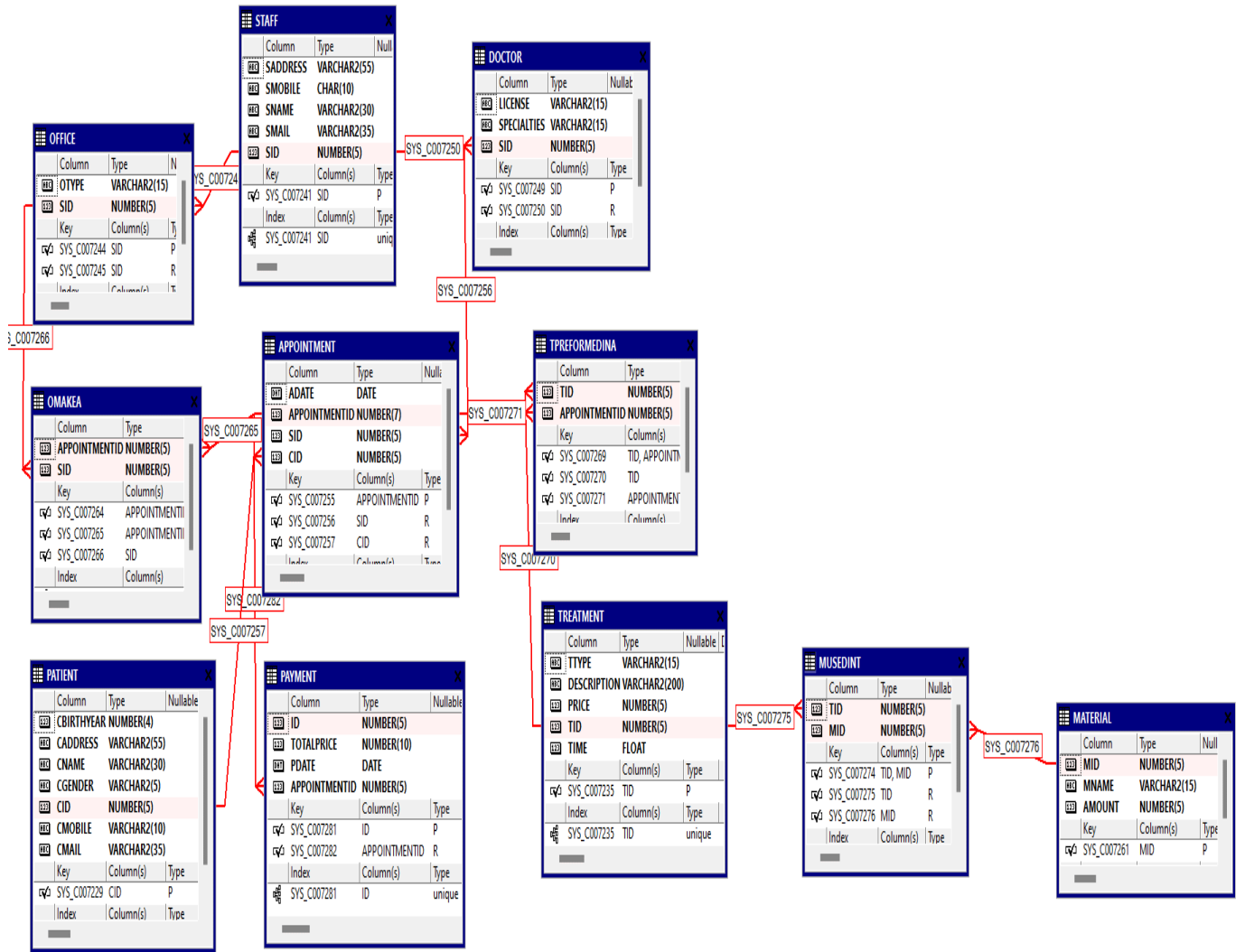
נשים לב כי מכיוון שיש ירושה לכל אדם השייך OfficeI Doctor בפועל יש תכונות נוספות כי הוא שייך גם לStaff (ובכך עונה על התנאי של מינימום 3 תכונות. באישור המרצה)

הערות מבניות-

הERD מנורמלת לפי 3NF כי קודם כל אין תלויות פונקציונליות לא טריוויאליות בין המפתחות המועמדים למאפיינים שאינם מפתח בתוך כל ישות. כל מאפיין שאינו מפתח תלוי במלואו במפתח המועמד. אין תלויות מעבריות בין מאפיינים שאינם מפתח בתוך כל ישות. כל המאפיינים שאינם מפתח תלויים ישירות במפתח המועמד. הישויות מחולקות כראוי ליחידות נפרדות, ואין קבוצות חוזרות של מאפיינים.

:DSD





create Table :פקודת:

CREATE TABLE Patient

)

,cBirthYear NUMERIC(4) NOT NULL

,cAddress VARCHAR(55) NOT NULL

,cName VARCHAR(30) NOT NULL

,cGender VARCHAR(5) NOT NULL

,cId NUMERIC(5) NOT NULL

,cMobile VARCHAR(10) NOT NULL

,cMail VARCHAR(35) NOT NULL

PRIMARY KEY (cId)

:(

CREATE TABLE Treatment

)

,tType VARCHAR(15) NOT NULL

,Description VARCHAR(200) NOT NULL

,Price NUMERIC(5) NOT NULL

,tId NUMERIC(5) NOT NULL

,Time FLOAT NOT NULL

PRIMARY KEY (tId)

:(

CREATE TABLE Staff

)

,sAddress VARCHAR(55) NOT NULL

,sMobile CHAR(10) NOT NULL

,sName VARCHAR(30) NOT NULL

,sMail VARCHAR(35) NOT NULL

,sId NUMERIC(5) NOT NULL

PRIMARY KEY (sId)

:(

CREATE TABLE Office

)

,oType VARCHAR(15) NOT NULL

,sId NUMERIC(5) NOT NULL

,PRIMARY KEY (sId)

FOREIGN KEY (sId) REFERENCES Staff(sId)

:(

CREATE TABLE Doctor

)

,License VARCHAR(15) NOT NULL

,Specialties VARCHAR(15) NOT NULL

,sId NUMERIC(5) NOT NULL

,PRIMARY KEY (sId)

FOREIGN KEY (sId) REFERENCES Staff(sId)

:(

CREATE TABLE Appointment

)

,aDate DATE NOT NULL

,AppointmentID NUMERIC(7) NOT NULL

,sId NUMERIC(5) NOT NULL

,cId NUMERIC(5) NOT NULL

,PRIMARY KEY (AppointmentID)
,FOREIGN KEY (sId) REFERENCES Doctor(sId)
FOREIGN KEY (cId) REFERENCES Patient(cId)

;(

CREATE TABLE Material

)

,mId NUMERIC(5) NOT NULL
,mName VARCHAR(15) NOT NULL
,Amount NUMERIC(5) NOT NULL

PRIMARY KEY (mId)

;(

CREATE TABLE OMakeA

)

,AppointmentID NUMERIC(5) NOT NULL
,sId NUMERIC(5) NOT NULL
,PRIMARY KEY (AppointmentID, sId)
,FOREIGN KEY (AppointmentID) REFERENCES Appointment(AppointmentID)
FOREIGN KEY (sId) REFERENCES Office(sId)

;(

CREATE TABLE TPreformedInA

)

,tId NUMERIC(5) NOT NULL
,AppointmentID NUMERIC(5) NOT NULL
,PRIMARY KEY (tId, AppointmentID)
,FOREIGN KEY (tId) REFERENCES Treatment(tId)

FOREIGN KEY (AppointmentID) REFERENCES Appointment(AppointmentID)

;(

CREATE TABLE MUsedInT

)

,tId NUMERIC(5) NOT NULL

,mId NUMERIC(5) NOT NULL

,PRIMARY KEY (tId, mId)

,FOREIGN KEY (tId) REFERENCES Treatment(tId)

FOREIGN KEY (mId) REFERENCES Material(mId)

;(

CREATE TABLE Payment

)

,Id NUMERIC(5) NOT NULL

,TotalPrice NUMERIC(10) NOT NULL

,pDate DATE NOT NULL

,AppointmentID NUMERIC(5) NOT NULL

,PRIMARY KEY (Id)

FOREIGN KEY (AppointmentID) REFERENCES Appointment(AppointmentID)

;(

פקודות drop:

-- Drop the Payment table first

DROP TABLE Payment;

-- Documentation: The Payment table is dropped first as per the specified order.

-- Drop the MUsedInT table next

DROP TABLE MUsedInT;

-- Documentation: The MUsedInT table is dropped next as per the specified order.

-- Drop the PreformedIn table

DROP TABLE Tpreformedina;

-- Documentation: The PreformedIn table is dropped as per the specified order.

-- Drop the OMakeA table

DROP TABLE OMakeA;

-- Documentation: The OMakeA table is dropped as per the specified order.

-- Drop the Treatment table

DROP TABLE Treatment;

-- Documentation: The Treatment table is dropped as per the specified order.

-- Drop the Material table

DROP TABLE Material;

-- Documentation: The Material table is dropped as per the specified order.

-- Drop the Appointment table

DROP TABLE Appointment;

-- Documentation: The Appointment table is dropped as per the specified order.

-- Drop the Patient table

DROP TABLE Patient;

-- Documentation: The Patient table is dropped as per the specified order.

-- Drop the Office table

DROP TABLE Office;

-- Documentation: The Office table is dropped as per the specified order.

-- Drop the Doctor table

DROP TABLE Doctor;

-- Documentation: The Doctor table is dropped as per the specified order.

-- Drop the Staff table last

DROP TABLE Staff;

-- Documentation: The Staff table is dropped last as per the specified order.

צילום מסך של הפעלת פקודת :desk

```
SQL> desc musedint
Name Type          Nullable Default Comments
-----
TID  NUMBER(5)
MID  NUMBER(5)

SQL> desc tpreformedina
Name          Type          Nullable Default Comments
-----
TID           NUMBER(5)
APPOINTMENTID NUMBER(5)

SQL> desc patient
Name          Type          Nullable Default Comments
-----
CBIRTHYEAR   NUMBER(4)
CADDRESS     VARCHAR2(55)
CNAME        VARCHAR2(30)
CGENDER      VARCHAR2(5)
CID          NUMBER(5)
CMOBILE      VARCHAR2(10)
CMAIL        VARCHAR2(35)

SQL> desc omakea
Name          Type          Nullable Default Comments
-----
APPOINTMENTID NUMBER(5)
SID           NUMBER(5)

SQL> desc payment
Name          Type          Nullable Default Comments
-----
ID            NUMBER(5)
TOTALPRICE    NUMBER(10)
PDATE        DATE
APPOINTMENTID NUMBER(5)
```

```
SQL> desc treatment
Name      Type      Nullable Default Comments
-----
TTYPE     VARCHAR2(15)
DESCRIPTION VARCHAR2(200)
PRICE     NUMBER(5)
TID       NUMBER(5)
TIME      NUMBER
```

```
SQL> desc appointment
Name      Type      Nullable Default Comments
-----
ADATE     DATE
APPOINTMENTID NUMBER(7)
SID       NUMBER(5)
CID       NUMBER(5)
```

```
SQL> desc doctor
Name      Type      Nullable Default Comments
-----
LICENSE   VARCHAR2(15)
SPECIALTIES VARCHAR2(15)
SID       NUMBER(5)
```

```
SQL> desc staff
Name      Type      Nullable Default Comments
-----
SADDRESS  VARCHAR2(55)
SMOBILE   CHAR(10)
SNAME     VARCHAR2(30)
SMAIL     VARCHAR2(35)
SID       NUMBER(5)
```

```
SQL> desc office
Name      Type      Nullable Default Comments
-----
OTYPE     VARCHAR2(15)
SID       NUMBER(5)
```

```
SQL> desc material
Name      Type      Nullable Default Comments
-----
MID       NUMBER(5)
MNAME     VARCHAR2(15)
AMOUNT    NUMBER(5)
```

:insertTable.sql קובץ

-- Insert data into Staff table

INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('123 Main St',
'123456789', 'John Doe', 'john@email.com', 10001);

INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('456 Oak Ave',
'987654321', 'Jane Smith', 'jane@email.com', 10002);

INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('789 Elm St',
'456789012', 'Michael Johnson', 'michael@email.com', 10003);

INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('321 Pine Rd',
'789012345', 'Emily Davis', 'emily@email.com', 10004);

INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('654 Maple
Ln', '345678901', 'David Wilson', 'david@email.com', 10005);

INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('987 Cedar
Blvd', '678901234', 'Sarah Thompson', 'sarah@email.com', 10006);

INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('246 Oak Ct',
'901234567', 'Robert Anderson', 'robert@email.com', 10007);

INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('579 Elm
Way', '234567890', 'Jessica Taylor', 'jessica@email.com', 10008);

INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('813 Pine
Ave', '567890123', 'Chris Brown', 'chris@email.com', 10009);

INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('159 Maple
St', '890123456', 'Amanda Garcia', 'amanda@email.com', 10010);

INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('101 Birch St',
'234123456', 'Oliver Martin', 'oliver@email.com', 10011);

INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('202 Spruce
Ln', '567234567', 'Sophia Lee', 'sophia@email.com', 10012);

INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('303 Cherry
Ave', '890345678', 'Liam Martinez', 'liam@email.com', 10013);

INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('404 Willow
Rd', '123456789', 'Mia Rodriguez', 'mia@email.com', 10014);


```

INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('505 Poplar
                        St', '234567890', 'Noah Davis', 'noah@email.com', 10015);

INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('606 Aspen
                        Ct', '345678901', 'Isabella Lewis', 'isabella@email.com', 10016);

INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('707 Beech
                        Blvd', '456789012', 'James White', 'james@email.com', 10017);

INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('88 Magnolia
                        Way', '567890123', 'Charl Walker', 'charlotte@email.com', 10018);

INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('909 Oak Dr',
                        '678901234', 'Ben Hall', 'benjamin@email.com', 10019);

                        INSERT INTO Staff (sAddress, sMobile, sName, sMail, sId) VALUES ('100
                        Redwood Ave', '789012345', 'Amelia Young', 'amelia@email.com', 10020);

                        --select * from Staff;

                        -- Insert data into Doctor table

INSERT INTO Doctor (License, Specialties, sId) VALUES ('L1234', 'Orthodontist',
                        10001);

INSERT INTO Doctor (License, Specialties, sId) VALUES ('L5678', 'Cosmetic',
                        10002);

INSERT INTO Doctor (License, Specialties, sId) VALUES ('L9012', 'Dentist', 10003);
INSERT INTO Doctor (License, Specialties, sId) VALUES ('L3456', 'Dentist', 10004);
INSERT INTO Doctor (License, Specialties, sId) VALUES ('L7890', 'Cosmetic',
                        10005);

INSERT INTO Doctor (License, Specialties, sId) VALUES ('L2345', 'Dentist', 10006);
INSERT INTO Doctor (License, Specialties, sId) VALUES ('L6789', 'Dentist', 10007);
INSERT INTO Doctor (License, Specialties, sId) VALUES ('L0123', 'Orthodontist',
                        10008);

INSERT INTO Doctor (License, Specialties, sId) VALUES ('L4567', 'Orthodontist',
                        10009);

INSERT INTO Doctor (License, Specialties, sId) VALUES ('L8901', 'Dentist', 10010);

                        --select * from Doctor;

```

-- Insert data into Office table

INSERT INTO Office (oType, sld) VALUES ('Secretariat', 10011);

INSERT INTO Office (oType, sld) VALUES ('Sales', 10012);

INSERT INTO Office (oType, sld) VALUES ('Secretariat', 10013);

INSERT INTO Office (oType, sld) VALUES ('Sales', 10014);

INSERT INTO Office (oType, sld) VALUES ('Secretariat', 10015);

INSERT INTO Office (oType, sld) VALUES ('Secretariat', 10016);

INSERT INTO Office (oType, sld) VALUES ('Sales', 10017);

INSERT INTO Office (oType, sld) VALUES ('Shift Manager', 10018);

INSERT INTO Office (oType, sld) VALUES ('Shift Manager', 10019);

INSERT INTO Office (oType, sld) VALUES ('Sales', 10020);

--select * from Office;

-- Insert data into Patient table

INSERT INTO Patient (cBirthYear, cAddress, cName, cGender, cld, cMobile, cMail) VALUES (1980, '123 Main St', 'Alice Johnson', 'F', 20001, '123456789', 'alice@email.com');

INSERT INTO Patient (cBirthYear, cAddress, cName, cGender, cld, cMobile, cMail) VALUES (1990, '456 Oak Ave', 'Bob Smith', 'M', 20002, '987654321', 'bob@email.com');

INSERT INTO Patient (cBirthYear, cAddress, cName, cGender, cld, cMobile, cMail) VALUES (1985, '789 Elm St', 'Charlie Davis', 'M', 20003, '456789012', 'charlie@email.com');

INSERT INTO Patient (cBirthYear, cAddress, cName, cGender, cld, cMobile, cMail) VALUES (1995, '321 Pine Rd', 'Danielle Wilson', 'F', 20004, '789012345', 'danielle@email.com');

INSERT INTO Patient (cBirthYear, cAddress, cName, cGender, cld, cMobile, cMail) VALUES (1988, '654 Maple Ln', 'Evan Thompson', 'M', 20005, '345678901', 'evan@email.com');

INSERT INTO Patient (cBirthYear, cAddress, cName, cGender, cld, cMobile, cMail) VALUES (1992, '987 Cedar Blvd', 'Fiona Anderson', 'F', 20006, '678901234', 'fiona@email.com');

INSERT INTO Patient (cBirthYear, cAddress, cName, cGender, cld, cMobile, cMail) VALUES (1982, '246 Oak Ct', 'George Taylor', 'M', 20007, '901234567', 'george@email.com');

INSERT INTO Patient (cBirthYear, cAddress, cName, cGender, cld, cMobile, cMail) VALUES (1998, '579 Elm Way', 'Hannah Brown', 'F', 20008, '234567890', 'hannah@email.com');

INSERT INTO Patient (cBirthYear, cAddress, cName, cGender, cld, cMobile, cMail) VALUES (1991, '813 Pine Ave', 'Ian Garcia', 'M', 20009, '567890123', 'ian@email.com');

INSERT INTO Patient (cBirthYear, cAddress, cName, cGender, cld, cMobile, cMail) VALUES (1987, '159 Maple St', 'Jill Roberts', 'F', 20010, '890123456', 'jill@email.com');

--select * from Patient;

-- Insert data into Appointment table

INSERT INTO Appointment (aDate, AppointmentID, sld, cld) VALUES (TO_DATE('01-05-2023', 'DD-MM-YYYY'), 30001, 10001, 20001);

INSERT INTO Appointment (aDate, AppointmentID, sld, cld) VALUES (TO_DATE('02-05-2023', 'DD-MM-YYYY'), 30002, 10006, 20002);

INSERT INTO Appointment (aDate, AppointmentID, sld, cld) VALUES (TO_DATE('03-05-2023', 'DD-MM-YYYY'), 30003, 10006, 20003);

INSERT INTO Appointment (aDate, AppointmentID, sld, cld) VALUES (TO_DATE('04-05-2023', 'DD-MM-YYYY'), 30004, 10001, 20004);

INSERT INTO Appointment (aDate, AppointmentID, sld, cld) VALUES (TO_DATE('05-05-2023', 'DD-MM-YYYY'), 30005, 10005, 20005);

INSERT INTO Appointment (aDate, AppointmentID, sld, cld) VALUES (TO_DATE('06-05-2023', 'DD-MM-YYYY'), 30006, 10006, 20006);

--select * from Appointment;

-- Insert data into Payment table

INSERT INTO Payment (Id, TotalPrice, pDate, AppointmentID) VALUES (40001,
100.00, TO _DATE('01-05-2023', 'DD-MM-YYYY'), 30001);

INSERT INTO Payment (Id, TotalPrice, pDate, AppointmentID) VALUES (40002,
150.50, TO _DATE('02-05-2023', 'DD-MM-YYYY'), 30002);

INSERT INTO Payment (Id, TotalPrice, pDate, AppointmentID) VALUES (40003,
75.25, TO _DATE('03-05-2023', 'DD-MM-YYYY'), 30003);

INSERT INTO Payment (Id, TotalPrice, pDate, AppointmentID) VALUES (40004,
200.00, TO _DATE('04-05-2023', 'DD-MM-YYYY'), 30004);

INSERT INTO Payment (Id, TotalPrice, pDate, AppointmentID) VALUES (40005,
125.75, TO _DATE('05-05-2023', 'DD-MM-YYYY'), 30005);

INSERT INTO Payment (Id, TotalPrice, pDate, AppointmentID) VALUES (40006,
175.50, TO _DATE('06-05-2023', 'DD-MM-YYYY'), 30006);

--select * from Payment;

-- Insert data into Material table

INSERT INTO Material (mId, mName, Amount) VALUES (50001,'Gauze',100);

INSERT INTO Material (mId, mName, Amount) VALUES (50002,'Bandages',75);

INSERT INTO Material (mId, mName, Amount) VALUES (50003,'Syringes',200);

INSERT INTO Material (mId, mName, Amount) VALUES (50004,'Scalpels',50);

INSERT INTO Material (mId, mName, Amount) VALUES (50005,'Gloves',300);

INSERT INTO Material (mId, mName, Amount) VALUES (50006,'Sutures',125);

INSERT INTO Material (mId, mName, Amount) VALUES (50007,'Cotton
Swabs',400);

INSERT INTO Material (mId, mName, Amount) VALUES (50008,'Disinfectant',150);

INSERT INTO Material (mId, mName, Amount) VALUES
(50009,'Thermometers',75);

INSERT INTO Material (mId, mName, Amount) VALUES
(50010,'Stethoscopes',25);

--select * from Material;

-- Insert data into Treatment table

INSERT INTO Treatment (tType, Description, Price, tId, Time) VALUES
('Surgery','Appendectomy',10000,60001,2.5);

INSERT INTO Treatment (tType, Description, Price, tId, Time) VALUES
('Medication','Antibiotics',50,60002,0.5);

INSERT INTO Treatment (tType, Description, Price, tId, Time) VALUES
('Therapy','Physical Therapy',100,60003,1.0);

INSERT INTO Treatment (tType, Description, Price, tId, Time) VALUES
('Procedure','X-Ray',200,60004,0.25);

INSERT INTO Treatment (tType, Description, Price, tId, Time) VALUES
('Surgery','Knee Replacement',15000,60005,3.0);

INSERT INTO Treatment (tType, Description, Price, tId, Time) VALUES
('Medication','Pain Relievers',25,60006,0.25);

--select * from Treatment;

:SelectAll.sql קובץ

-- Select all from Doctor table

Select * from Doctor; -- Retrieves all doctor records

-- Select all from Patient table

Select * from Patient; -- Retrieves all patient records

-- Select all from Appointment table

Select * from Appointment; -- Retrieves all appointment records

-- Select all from Payment table

Select * from Payment; -- Retrieves all payment records

-- Select all from Staff table

Select * from Staff; -- Retrieves all staff records (corrected from "Staff")

-- Select all from MusedinT table

Select * from MusedinT; -- Retrieves records from MusedinT table
(materials/treatments used)

-- Select all from Treatment table

Select * from Treatment; -- Retrieves all treatment records

-- Select all from Material table

Select * from Material; -- Retrieves all material records

-- Select all from TperformedInA table

Select * from Tpreformedina; -- Retrieves records from TperformedInA table
(treatments and appointments)

-- Select all from OMakeA table

Select * from OMakeA; -- Retrieves records from OMakeA table (offices and
appointments)

-- For each Select - Checking the number of rows in the table

Select count(*) from Office;

Select count(*) from Doctor;

Select count(*) from Patient;

Select count(*) from Appointment;

Select count(*) from Payment;

Select count(*) from Staff;

Select count(*) from MusedinT;

Select count(*) from Treatment;

Select count(*) from Material;

Select count(*) from Tpreformedina;

Select count(*) from OMakeA;

שיטות הכנסת data:

שיטה 1:

Data generator

הכנסה לטבלה Appointment:

APPOINTMENT				
Owner		Table	Number of records	
SYSTEM		APPOINTMENT	400	
Name	Type	Size	Data	Master
ADATE	DATE	7	Random(01/01/2024, 01/01/2030)	
APPOINTMENTID	NUMBER	7	{111111}	
SID	NUMBER	5	List(select SID from doctor)	
CID	NUMBER	5	List(select CID from patient)	

ADATE	APPOINTMENTID	SID	CID
16.12.2023	72466	10001	759
21.12.2027	29763	10007	715
19.12.2024	67464	27182	610
13.07.2024	86374	81294	135
07.10.2029	83248	39663	149
05.11.2027	33423	65613	668
17.01.2028	91451	68239	774
12.03.2028	54837	25622	363
14.06.2029	35641	45148	418
01.07.2027	96185	10004	631
26.01.2028	82742	10070	343
03.12.2026	87694	51672	584
27.01.2026	37482	13794	705
12.07.2026	88145	86842	180
21.04.2027	13997	13227	654
12.11.2024	17627	21570	453
06.12.2024	38581	66296	374
19.08.2024	45765	11630	647
28.01.2025	22749	21996	445
08.04.2026	69643	10030	410
01.06.2028	16488	11630	841
08.08.2027	56216	72073	952
30.10.2029	99782	34809	553
18.06.2029	16934	77036	562
04.01.2024	27877	90716	930
25.04.2029	73779	91339	975
04.02.2029	84624	17995	980
16.11.2026	82663	51534	672
16.04.2026	45347	33532	632
30.09.2029	21482	99939	20009
30.06.2025	12898	92442	218
13.01.2029	79326	32387	132
05.12.2028	54488	22236	832
21.12.2028	63398	38187	292
30.09.2024	18259	61435	556
20.07.2028	40565	47507	689
08.09.2028	77515	12011	127
24.02.2027	12375	66221	468
01.09.2029	38615	68229	690

Definition Options Result

SYSTEM@XE Generated in 0.047 seconds. 1 table(s) with 400 rows.

SQL Output Statistics

```
select * from appointment
```

	ADATE	APPOINTMENTID	SID	CID
1	24/09/2024 *	23487	22236	984
2	08/01/2025 *	79857	51872	140
3	02/03/2027 *	34432	10012	104
4	27/08/2027 *	85761	34941	362
5	26/02/2025 *	82511	46150	690
6	26/12/2029 *	48971	59568	980
7	01/05/2023 *	30001	10001	20001
8	02/05/2023 *	30002	10006	20002
9	03/05/2023 *	30003	10006	20003
10	04/05/2023 *	30004	10001	20004
11	05/05/2023 *	30005	10005	20005
12	06/05/2023 *	30006	10006	20006
13	05/03/2028 *	71834	18936	501
14	09/12/2026 *	25165	57567	829
15	01/07/2025 *	39772	76380	434
16	20/04/2025 *	73199	79819	783
17	02/08/2025 *	96566	79274	601
18	08/05/2028 *	44578	10002	736
19	08/09/2028 *	38457	74548	803
20	25/06/2026 *	35792	54635	178
21	30/06/2029 *	29532	10652	475
22	28/10/2029 *	54399	63961	799
23	27/09/2025 *	31716	10009	874
24	16/11/2028 *	22348	27379	567
25	02/11/2026 *	62227	63036	513
26	17/02/2027 *	97354	21570	736
27	06/07/2026 *	37916	51524	903
28	08/08/2025 *	64188	86483	382
29	27/05/2029 *	74732	11830	391
30	21/11/2025 *	24137	27192	941
31	16/09/2029 *	39616	31845	633
32	12/12/2025 *	17879	99789	552
33	22/10/2025 *	99822	61696	198
34	24/07/2029 *	16437	10013	839
35	18/11/2028 *	66153	86483	778
36	18/07/2024 *	96148	10007	259
37	13/07/2029 *	55657	39306	250
38	16/06/2027 *	55127	69468	568
39	02/06/2024 *	43974	94992	800

1:26 SYSTEM@XE 405 rows selected in 0.249 seconds

הכנסה לטבלה DOCTOR:

DOCTOR

Owner	Table	Number of records
SYSTEM	DOCTOR	200

Name	Type	Size	Data	Master
LICENSE	VARCHAR2	15	[A000000]	
SPECIALTIES	VARCHAR2	15	List('Dentist','Cosmetic','Orthodontist')	
SID	NUMBER	5	List(select SID from STAFF)	

DOCTOR

LICENSE	SPECIALTIES	SID
R217834	Orthodontist	82187
X147735	Cosmetic	44023
V115095	Dentist	49669
W177145	Cosmetic	83211
H548247	Dentist	19671
J970644	Dentist	43702
R260982	Orthodontist	59096
U600580	Dentist	61039
M632541	Orthodontist	89219
V807144	Dentist	91680
Z327823	Cosmetic	10709
D106008	Cosmetic	56476
T032986	Cosmetic	34002
P841679	Orthodontist	51881
W746714	Orthodontist	15227
H4995140	Orthodontist	53162
C579087	Dentist	40041
G5995427	Dentist	13416
A870782	Dentist	41128
R215464	Orthodontist	55269
V694358	Orthodontist	39663
C775618	Dentist	55149
B016507	Orthodontist	51748
T889992	Cosmetic	48188
O523237	Cosmetic	27192
T197568	Cosmetic	97879
Y989354	Dentist	51524
P083161	Dentist	71870
B726055	Cosmetic	47962
O660739	Dentist	70250
S999963	Cosmetic	11511
C624881	Dentist	40705
O551012	Cosmetic	45109
N791794	Orthodontist	27991
L353466	Orthodontist	70462
S999631	Cosmetic	98750
O527631	Dentist	76479
M278879	Orthodontist	61696
N491773	Dentist	88762

Definition Options Result

SYSTEM@XE Generated in 0.031 seconds. 1 table(s) with 200 rows.

SQL Output Statistics

select * from doctors

ID	SPECIALTIES	SPD
1	Orthodontist	10001
2	Cosmetic	10002
3	Dentist	10003
4	Dentist	10004
5	Cosmetic	10005
6	Dentist	10006
7	Dentist	10007
8	Orthodontist	10008
9	Orthodontist	10009
10	Dentist	10010
11	Cosmetic	10011
12	Orthodontist	10012
13	Orthodontist	10013
14	Dentist	10014
15	Orthodontist	10015
16	Orthodontist	10016
17	Dentist	10017
18	Orthodontist	10018
19	Cosmetic	10019
20	Orthodontist	10020
21	Orthodontist	10021
22	Cosmetic	10022
23	Cosmetic	10023
24	Orthodontist	10024
25	Dentist	10025
26	Dentist	10026
27	Cosmetic	10027
28	Orthodontist	10028
29	Cosmetic	10029
30	Orthodontist	10030
31	Orthodontist	10031
32	Cosmetic	10032
33	Orthodontist	10033
34	Orthodontist	10034
35	Cosmetic	10035
36	Orthodontist	10036
37	Cosmetic	10037
38	Orthodontist	10038
39	Cosmetic	10039

1/21

SYSTEMS

license, version(10), mandatory

הכנסה לטבלה Material:

MATERIAL

ID	NAME	AMOUNT
74716	Anesthetic Pcah	175
44836	Anesthetic Emxz	37
54383	Anesthetic Roys	141
36681	Antibiotic Jyrz	120
19478	Septanest Mmlha	8
23314	Septanest Dyemf	219
57353	Pills Zuzqob	6
42232	Ointment Chbgc	94
63934	Septanest Barml	192
53564	Anesthetic Zkss	113
78293	Antibiotic Mljb	71
57648	Antibiotic Lenm	219
57655	Septanest Ccpiq	126
89947	Ointment Mstmvl	81
68235	Septanest Iaepr	105
66981	Septanest Dylg	28
99943	Antibiotic Vooe	3
85727	Ointment Atruvd	195
53718	Septanest Mgey	55
41993	Pills Norrar	29
99837	Antibiotic Mazx	68
55993	Pills Ofkeqj	245
94795	Anesthetic Qcms	5
69546	Septanest Rrojr	27
52584	Septanest Ewvra	11
77373	Pills Jlbvud	156
19777	Ointment Vfgjna	175
48969	Pills Quqkby	13
18611	Pills Nebbqj	143
13383	Ointment Fugwv	17
39962	Ointment Hsdmb	162
17462	Ointment Tkybyd	226
24514	Anesthetic Dido	77
32875	Pills Nvqoms	234
75879	Antibiotic Lnmf	145
37447	Pills Dtdlgr	37
37564	Pills Lgacri	186
29917	Antibiotic Drve	67
79575	Pills Ebdkrc	130

DefinitionOptionsResult

SYSTEM@XEGenerated in 0.046 seconds. 1 table(s) with 400 rows.

MATERIAL

OwnerTableNumber of records

SYSTEMMATERIAL400

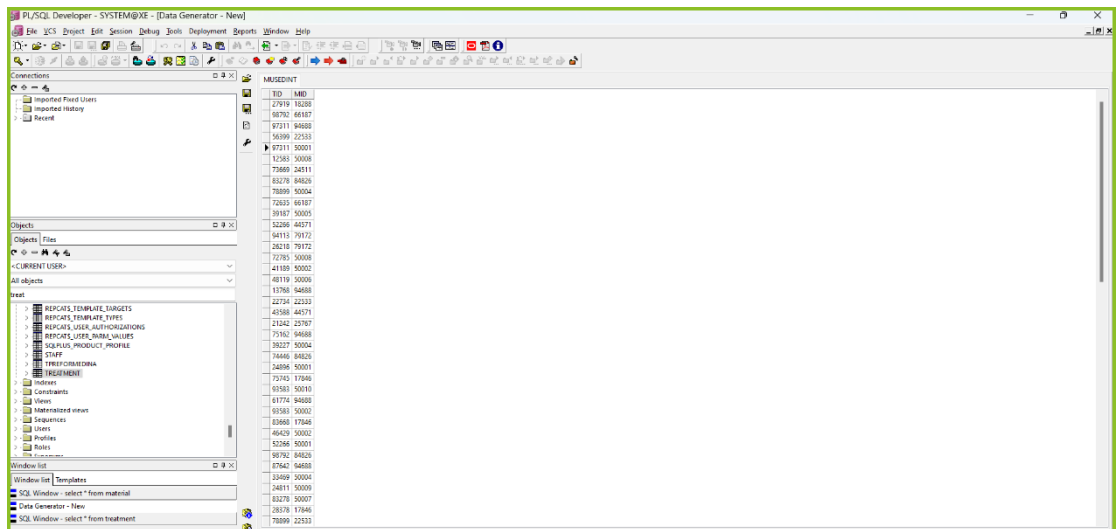
Name	Type	Size	Data	Master
ID	NUMBER	5	{11111}	000
NAME	VARCHAR2	15	List('Antibiotic','Anesthetic','Pills','Ointment','Septanest') * | - { Aaaaaa}	000
AMOUNT	NUMBER	5	Random(1,250)	000

DefinitionOptionsResult

SYSTEM@XEGenerated in 0 seconds. 1 table(s) with 17 rows.

SQL Output Statistics			
select * from MATERIAL			
	MID	MNAME	AMOUNT
179	51142	Anesthetic Qbnk	187
180	13449	Ointment Fmctqu	249
181	96364	Anesthetic Xsgu	45
182	74315	Pills Qxgbd	199
183	32992	Septanest Ljztg	5
184	83936	Antibiotic Myjy	5
185	44631	Ointment Fpbfd	250
186	91849	Septanest Oenyr	90
187	63651	Anesthetic Numh	89
188	53673	Septanest Vugtw	203
189	95165	Septanest Ttoke	78
190	54674	Septanest Ogvpn	13
191	29138	Antibiotic Vsmt	81
192	56631	Ointment Aziql	169
193	15199	Antibiotic Wcgq	104
194	94219	Anesthetic Qrjk	51
195	41311	Anesthetic Gxjv	206
196	68746	Anesthetic Bbge	47
197	11323	Antibiotic Yeek	182
198	34646	Ointment Drlrcp	232
199	75214	Pills Axbsrh	97
200	62615	Antibiotic Jkxt	137
201	22792	Pills Qhjjs	74

הכנסה לטבלת Musedint:



MUSEDINT

Owner

SYSTEM

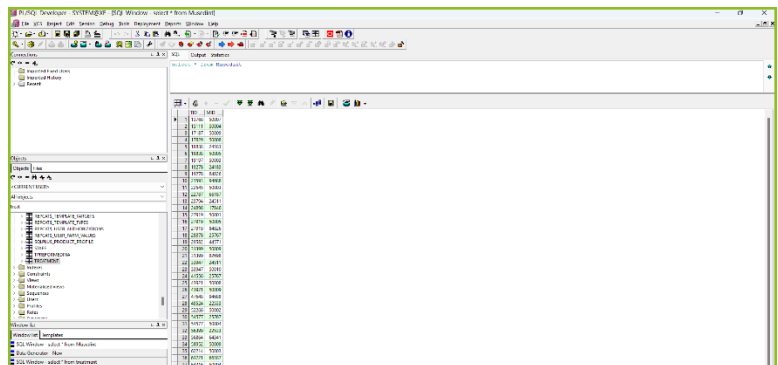
Table

MUSEDINT

Number of records

400

Name	Type	Size	Data	Master
TID	NUMBER	5	List (Select TID from treatment)	
MID	NUMBER	5	List (Select Mid from Material)	



הכנסה לטבלה office:

SQL Output Statistics

```
select * from OFFICE
```

OTYPE	SID
1	Secretariat
2	Sales
3	Secretariat
4	Sales
5	Secretariat
6	Secretariat
7	Sales
8	Shift Manager
9	Shift Manager
10	Sales
11	Shift Manager
12	Sales
13	Customer Service
14	Secretariat
15	Shift Manager
16	Secretariat
17	Secretariat
18	Shift Manager
19	Sales
20	Secretariat
21	Secretariat
22	Customer Service
23	Secretariat
24	Shift Manager
25	Secretariat
26	Shift Manager
27	Customer Service
28	Counter
29	Secretariat
30	Secretariat
31	Secretariat
32	IT
33	Counter
34	Shift Manager
35	Sales
36	Counter
37	Customer Service
38	Secretariat
39	Customer Service

SYSTEM@XE 278 rows selected in 0.233 seconds

OFFICE

Name	Type	Size	Data	Master
OTYPE	VARCHAR2	15	List(Shift Manager,'Sales Secretariat','Counter','Customer Service','IT')	
SID	NUMBER	5	List(Select SID from staff)	

Generated in 0.031 seconds. 1 table(s) with 400 rows.

PL/SQL Developer - SYSTEM@XE - [Data Generator - New]

Connections

Objects

Window List

SQL Window - select * from office

Data Generator - New

OTYPE	SID
Shift Manager	40130
Customer Service	18861
IT	17595
Shift Manager	83811
Shift Manager	27179
IT	98187
IT	16712
Customer Service	23955
Sales	28516
Counter	13343
IT	47027
IT	40049
IT	55777
Shift Manager	29543
Sales	73313
Counter	45377
Counter	42679
Secretariat	15963
IT	10013
IT	15962
Shift Manager	53162
Counter	68393
Secretariat	80337
Shift Manager	27600
Sales	63353
Counter	36012
Shift Manager	33360
Sales	27600
Sales	26125
Sales	69641
Secretariat	52493
Customer Service	10709
Shift Manager	54625
Shift Manager	10234
Customer Service	53998
Customer Service	39663
Customer Service	26526
Shift Manager	48255
Shift Manager	52359

הכנסה לטבלה omake:

OMAKEA	
APPOINTMENTID	SID
18422	10013
34262	12979
43913	98375
83776	16712
62227	69582
71361	86483
98548	41224
34362	16712
49699	68429
63768	26921
59549	32397
83194	26921
63768	10020
30006	10013
32826	29872
27341	45839
83194	51383
37638	10020
37869	78572
25798	10013
66549	41470
38729	29127
72766	10019
96463	81894
73721	59041
19974	29127
44623	50598
33315	41224
31554	41470
76832	88762
58994	10017
54755	33360
14235	68062
97927	10018
43913	26921
39953	45839
69538	53385
79837	36074
37916	47970

Definition Options Result

SYSTEM@XE Generated in 0.016 seconds: 1 table(s) with 400 rows.

OMAKEA

<

Owner

>

SYSTEM

Table

OMAKEA

Number of records

400

Name	Type	Size	Data	Master
APPOINTMENTID	NUMBER	5	List(select APPOINTMENTID from APPOINTMENT)	
SID	NUMBER	5	List(select SID from office)	
*				

Definition

Options

Result

SYSTEMQIXE

400 records generated in 4.719 seconds

Definition Options Result

SYSTEM@XE 400 records generated in 4.719 seconds

SQL Output Statistics		
select * from omakea		
	APPOINTMENTID	SID
1	11395	41224
2	11416	83782
3	11912	55269
4	12777	12979
5	13121	10018
6	13121	659513
7	13184	32397
8	13713	98375
9	13831	10018
10	13927	47970
11	13944	36074
12	14115	10018
13	14235	10334
14	14235	50598
15	14235	74972
16	14235	87171
17	14715	69582
18	15747	87171
19	16195	10015
20	16437	10011
21	16511	10020
22	17642	83782
23	18374	10334
24	18374	57569
25	18422	10012
26	18422	33360
27	18621	29127
28	18621	64636
29	19338	78572
30	19338	98375
31	19487	16712
32	19540	50598
33	21632	34002
34	21759	83782
35	22473	10017
36	22473	29561
37	22473	47570
38	22834	16712
39	22834	87171

1:21 SYSTEM@XE 409 rows selected in 0.266 seconds

הכנסה לטבלה Trefoamedina:

TPREFORMEDINA

Owner	Table	Number of records
SYSTEM	TPREFORMEDINA	400

Name	Type	Size	Data	Master
TID	NUMBER	5	List(Select TID from treatment)	YES
APPOINTMENTID	NUMBER	5	List(Select APPOINTMENTID from APPOINTMENT)	YES
*				YES

PL/SQL Developer - SYSTEM@XE - [Data Generator - New]

SQL Window - select * from TPREFORMEDINA

TID	APPOINTMENTID
1	11153
2	11355
3	11536
4	12265
5	12265
6	13622
7	13622
8	13622
9	14555
10	14555
11	14543
12	14543
13	14552
14	14552
15	14675
16	14675
17	14839
18	15866
19	15973
20	15973
21	16211
22	16211
23	16365
24	16754
25	16866
26	17119
27	17441
28	18323
29	18675
30	18841
31	19389
32	19434
33	21241
34	21241
35	21241
36	21534
37	21534
38	21534
39	22218

398 rows selected in 0.219 seconds

הכנסה לטבלה: Treatment

SQLOutputStatistics

select * from treatment

	TYPE	DESCRIPTION	PRICE	TID	TIME
1	Orthodontics	Extraction	1200	61916	3
2	Orthodontics	Teeth filling	14252	62262	1
3	Rehabilitation	Gum	9141	59883	5
4	Rehabilitation	Braces	2181	55534	3
5	Rehabilitation	Gum	6397	82913	4
6	Aesthetic	Extraction	4312	71983	2
7	Aesthetic	Gum	3989	63726	3
8	Aesthetic	Gum	14364	26847	3
9	Aesthetic	Teeth filling	2900	51324	4
10	Rehabilitation	Teeth filling	8248	42949	3
11	Orthodontics	Braces	1821	91954	5
12	Aesthetic	Teeth filling	5821	14839	3
13	Rehabilitation	Gum	4366	85577	4
14	Aesthetic	Extraction	4633	43825	6
15	Orthodontics	Extraction	6154	83652	1
16	Orthodontics	Teeth filling	2637	73179	2
17	Orthodontics	Extraction	6101	93262	3
18	Rehabilitation	Gum	9004	58264	5
19	Aesthetic	Gum	1179	46956	2
20	Rehabilitation	Teeth filling	9718	46212	7
21	Orthodontics	Gum	5043	36836	4
22	Rehabilitation	Teeth filling	9393	85741	8
23	Aesthetic	Extraction	9172	31183	4
24	Orthodontics	Teeth filling	12887	55837	4
25	Rehabilitation	Extraction	998	31771	7
26	Aesthetic	Teeth filling	7807	27147	9
27	Aesthetic	Braces	13773	87322	6
28	Rehabilitation	Braces	12511	21241	9
29	Rehabilitation	Braces	3793	51348	7
30	Rehabilitation	Extraction	4856	54551	7
31	Orthodontics	Teeth filling	3994	83824	4
32	Rehabilitation	Teeth filling	9878	55841	7
33	Orthodontics	Braces	4053	83715	9
34	Rehabilitation	Gum	7617	17141	5
35	Aesthetic	Braces	8840	95253	5
36	Orthodontics	Teeth filling	6547	25322	5
37	Aesthetic	Teeth filling	3624	72198	6
38	Rehabilitation	Braces	10087	72385	8
39	Aesthetic	Gum	11109	43414	6

	TYPE	DESCRIPTION	PRICE	TID	TIME
1	Orthodontics	Extraction	8056	56699	6
2	Orthodontics	Gum	6806	42853	6
3	Rehabilitation	Braces	12208	46612	2
4	Rehabilitation	Extraction	897	55477	3
5	Orthodontics	Teeth filling	2316	37179	1
6	Rehabilitation	Gum	12515	31433	3
7	Rehabilitation	Gum	9905	18125	9
8	Orthodontics	Gum	6179	95651	1
9	Rehabilitation	Gum	1940	42417	4
10	Rehabilitation	Braces	12104	95488	7
11	Aesthetic	Gum	3361	64193	4
12	Rehabilitation	Teeth filling	12368	28443	8
13	Aesthetic	Teeth filling	9920	92689	7
14	Orthodontics	Gum	13610	98131	1
15	Orthodontics	Gum	11022	64361	4
16	Rehabilitation	Teeth filling	14243	91948	7
17	Rehabilitation	Gum	2563	39691	7
18	Orthodontics	Extraction	6610	73947	2
19	Orthodontics	Extraction	11328	38691	1
20	Aesthetic	Teeth filling	12605	29731	2
21	Orthodontics	Braces	11964	96641	4
22	Orthodontics	Teeth filling	11575	59523	1
23	Aesthetic	Teeth filling	1857	23271	1
24	Orthodontics	Gum	6100	95957	4
25	Aesthetic	Extraction	3505	29343	6
26	Orthodontics	Braces	2405	46771	4
27	Rehabilitation	Extraction	5041	36612	9
28	Orthodontics	Gum	3248	41881	9
29	Orthodontics	Teeth filling	5765	48288	6
30	Aesthetic	Extraction	4644	18318	4
31	Rehabilitation	Extraction	604	95127	5
32	Orthodontics	Gum	7753	38637	5
33	Aesthetic	Braces	10692	68245	6
34	Rehabilitation	Extraction	2855	47588	3
35	Aesthetic	Teeth filling	7821	93855	8
36	Aesthetic	Braces	8607	98754	3
37	Orthodontics	Braces	3957	53538	5
38	Rehabilitation	Braces	11995	72784	3
39	Rehabilitation	Braces	6185	19541	9

DefinitionOptionsResult

TREATMENT					
Owner		Table		Number of records	
SYSTEM		TREATMENT		400	
Name	Type	Size	Data	Master	
TTYPE	VARCHAR2	15	List('Orthodontics','Rehabilitation','Aesthetic')	...	...
DESCRIPTION	VARCHAR2	200	List('Teeth filling','Extraction','Braces','Gum')	...	...
PRICE	NUMBER	5	Random(50,15000)	...	...
TID	NUMBER	5	[111111]	...	...
TIME	NUMBER	1	[1]	...	...

שיטה 2:

Generatedata- Website

הכנסה לטבלה material:

SQL Output Statistics

```
select * from material
```

	MID	MNAME	AMOUNT
429	26927	Septanest Dkthy	163
430	36778	Ointment Yttrch	46
431	86938	Pills Ugdnqz	243
432	46122	Septanest Ybrhx	238
433	97441	Septanest Owlmu	211
434	68248	Septanest Eavhj	212
435	34377	Septanest Ngdzh	60
436	16475	Pills Onglod	61
437	26499	Anesthetic Hcdn	116
438	48388	Ointment Wcvqrw	224
439	93786	Anesthetic Eapy	178
440	86698	Antibiotic	226
441	14726	Thermometers	37
442	72115	Disinfectant	59
443	12570	Septanest	83
444	11654	Cotton Swabs	120
445	24208	Bandages	136
446	61185	Gauze	167
447	14470	Pills	168
448	70154	Gloves	54
449	99078	Anesthetic	190
450	73385	Syringes	136
451	16596	Pills	69

SYSTEM@XE mid, number(5), mandatory

Data from Textfile Data to Oracle

General

Owner: Table ☐ Clear Table

Commit every... ☐ Overwrite duplicates ☒ Ignore duplicates

Fields

Field1: MID -> MID
Field2: MNAME -> MNAME
Field3: AMOUNT -> AMOUNT

Field:
Fieldtype:
SQL function:
additional Oracle processing, for example: substr(4, 1, 20)

Result Preview

MID	MNAME	AMOUNT
86698	Antibiotic	226
14726	Thermometers	37
72115	Disinfectant	59
12570	Septanest	83
11654	Cotton Swabs	120
24208	Bandages	136
61185	Gauze	167
14470	Pills	168
70154	Gloves	54
99078	Anesthetic	190
73385	Syringes	136
16596	Pills	69

Import Import to Script Close SYSTEM@XE material.txt loaded, 1 KB Help

Data from Textfile Data to Oracle

File Data

Encoding

MID MNAME AMOUNT
86698 Antibiotic 226
14726 Thermometers 37
72115 Disinfectant 59
12570 Septanest 83
11654 Cotton Swabs 120
24208 Bandages 136
61185 Gauze 167
14470 Pills 168
70154 Gloves 54
99078 Anesthetic 190
73385 Syringes 136
16596 Pills 69

Configuration

General

Fieldcount 3

Quote character " " " " " "

Comment line

Import lines 1

Field1 (+0..<tab>) MID
Field2 (+0..<tab>) MNAME
Field3 (+0..<tab>) AMOUNT

Field Start

Relative position
Absolute position
Character

Field End

Length
Character

Filter

Apply

Result Preview

MID	MNAME	AMOUNT
86698	Antibiotic	226
14726	Thermometers	37
72115	Disinfectant	59
12570	Septanest	83
11654	Cotton Swabs	120
24208	Bandages	136
61185	Gauze	167
14470	Pills	168
70154	Gloves	54
99078	Anesthetic	190
73385	Syringes	136
16596	Pills	69

Import Import to Script Close SYSTEM@XE material.txt loaded, 1 KB Help

:הכנסה לטבלה patient

SQL Output Statistics

```
select * from patient
```

	CBIRTHYEAR	CADDRESS	CNAME	CGENDER	CID	CMOBILE	CMAIL
290	1959	Ap #905-980 Est Ave	Herrod Ingram	F	322	0575339523	auctor.mauris@google.org
291	1996	Ap #220-2101 Egestas Av.	Whitney Holt	F	249	0580933718	eget@hotmail.com
292	1945	434-1217 Non Street	Hyatt Gay	F	495	0528533319	lacus.vestibulum@yahoo.org
293	2005	Ap #508-4203 Amet, Rd.	Mollie Nguyen	F	221	0590449083	sodales.nisi@icloud.org
294	1916	Ap #204-7890 Neque. Road	Hop Wright	M	919	0556847954	eu.lacus@icloud.net
295	1952	P.O. Box 394, 9604 Quis Rd.	David Sexton	F	241	0531781517	mattis.cras@protonmail.com
296	1939	401-1982 Erat. Street	Harrison Estrada	F	524	0581638292	vivamus.sit.amet@google.ca
297	2021	875-4218 Aliquam St.	Martin Pacheco	M	864	0586515972	pede.cum@protonmail.org
298	1951	P.O. Box 288, 6324 Primis Rd.	Jordan Mathis	M	833	0583375862	arcu.iaculis@protonmail.couk
299	1941	Ap #346-6650 Faucibus Road	Dahlia Reilly	F	812	0508338631	diam.pellentesque@hotmail.couk
300	1954	P.O. Box 321, 9761 Arcu. Rd.	Thomas Mendez	M	725	0527817282	tristique.senectus@hotmail.ca
301	1925	Ap #405-7497 Enim. Road	Isadora Monroe	M	169	0521215647	odio.etiam@protonmail.net
302	1943	893-9162 Egestas. Av.	Marcia Arnold	F	874	0566075237	rutrum.eu@aol.com
303	2000	Ap #671-8494 Eu. Ave	Simone Suarez	F	713	0571085153	posuere.at@aol.org
304	2005	4712 Nec Rd.	Galvin Reeves	M	448	0576128443	vehicula.risus.nulla@aol.edu
305	1983	392-9303 Dui Road	Kenyon Hall	F	841	0566685505	elementum.dui@protonmail.ca
306	1959	205-4410 Fringilla Rd.	Charlotte Duffy	M	690	0582366338	nunc@aol.ca
307	2018	P.O. Box 435, 2678 Sed Rd.	Brock Valenzuela	F	281	0500338368	et.ultrices.posuere@google.edu
308	1939	P.O. Box 124, 5624 Eget St.	Gannon Garza	M	696	0533315498	volutpat.nulla@hotmail.org
309	1942	Ap #110-4949 Nulla. St.	Cullen Greene	M	952	0586368553	tincidunt.donec@yahoo.net
310	2012	P.O. Box 145, 8216 Nascetur St.	Unity Ayala	M	798	0559037161	placerat@icloud.net
311	1947	Ap #339-3186 Velit. Av.	Xander Richards	M	616	0511854727	ut.odio@google.ca
312	1997	P.O. Box 243, 784 Facilisis Street	Shea Shepherd	M	707	0588528867	pellentesque@icloud.edu

הכנסה לטבלה :staff

```
select * from staff
```

	ADDRESS	SMOBILE	SNAME	SMAIL	SID
397	Ap #719-4855 Ante St.	535721837	Abra Clemons	abraclemons2857@aol.org	84940
398	809 Urna Street	575013566	Harrison Stewart	harrisonstewart@gmail.net	19098
399	Ap #901-2030 Vel Street	542991526	Jeremy Santana	jeremysantana@gmail.couk	69373
400	827-8375 Aliquam Rd.	527581368	Constance Navarro	constancenavarro@icloud.edu	31845
401	383-3411 Nam Rd.	566718812	Colby Shaffer	colbyschaffer7949@icloud.couk	25922
402	279-4046 A, St.	594524576	Stacey Mcleod	staceymcleod@aol.com	26135
403	4212 Odio Av.	521145828	Gannon Vance	gannonvance@google.org	77934
404	P.O. Box 408, 8813 Volutpat. Avenue	517871957	Alan Sullivan	alansullivan@aol.com	83782
405	8129 Facillisis Av.	598355463	Joelle Hoover	joellehoover4378@yahoo.couk	90376
406	Ap #331-8940 Ut Road	521151267	Kane Velazquez	kanevelazquez5579@icloud.com	90152
407	7215 Vestibulum Road	556769693	Halee Boyer	haleeboyer8640@yahoo.couk	61039
408	P.O. Box 933, 8375 Enim Rd.	582388653	Jordan Stanton	jordanstanton@gmail.net	72497
409	112-260 Varius Av.	576107777	Jescie Reynolds	jesciereynolds4525@icloud.couk	44135
410	Ap #299-1591 Dictum Street	505456764	Harding Ballard	hardingballard7768@icloud.ca	41470
411	442-2426 Ut Street	526678882	Gavin Foley	gavinfoley@yahoo.ca	16017
412	Ap #878-4716 Magna Rd.	554512612	Kennedy Atkins	kennedyatkins5511@yahoo.net	68062
413	369-2220 Proin Av.	556043206	Keely Lambert	keelylambert@aol.couk	87909
414	Ap #778-3523 Nunc Street	521473627	Kerry Cantrell	kerrycantrell3347@google.couk	37037
415	214-5228 Turpis St.	540508616	Nehru Kane	nehrukane@gmail.edu	13854
416	861-3422 Et, Rd.	548580479	Evan Norman	evannorman3424@yahoo.net	20080
417	P.O. Box 302, 6246 Risus. St.	538180461	Flynn Fulton	flynnfulton@google.edu	48224
418	Ap #727-177 Pede Rd.	545651455	Indigo Rios	indigorios2663@aol.net	74972
419	242-6132 Laoreet Ave	535495636	Dexter Brock	dexterbrock@google.edu	90220

Data from TextfileData to Oracle

General

OwnerTableClear TableInitializing Script

Commit every...0Overwrite duplicatesignore duplicatesFinalizing Script

Fields

Field1 -> SNAME (VARCHAR2)
Field2 -> SMOBILE (CHAR)
Field3 -> SMAIL (VARCHAR2)
Field4 -> ADDRESS (VARCHAR2)
Field5 -> SID (NUMBER)

FieldSID (NUMBER)
FieldtypeNumber
Create SQL
SQL functionadditional Oracle processing, for example substr(%, 1, 20)

Result Preview

1	2	3	4	5
Shaine Sosa	0576802140	shainesosa8233@gmail.couk	196-696 Tincidunt Av.	71810
Kirsten Foreman	0576163875	kirstenforeman55@google.org	Ap #517-3634 Sed Street	53162
Hillary Garrett	0577647211	hillarygarrett@yahoo.org	Ap #103-1406 Lorem Av.	19285
Susan Lester	0535953718	susanlester3407@google.com	P.O. Box 103, 7570 Vestibulum St.	69480
Brianna Holcomb	0512974695	briannaholcomb5084@icloud.ca	P.O. Box 128, 3885 Vitae St.	94833
Imani Clayton	0533026653	imaniclayton@icloud.com	5640 Justo St.	31979
Colleen Nichols	0554287212	colleennichols3441@gmail.couk	235-3854 Ipsum St.	49500
Constance Francis	0596111646	constancefrancis@yahoo.net	764-1812 Velit Street	31535
Ava Nolan	0530216427	avanolan@gmail.org	P.O. Box 712, 8640 Odio, Rd.	22376
Kato Merrill	0536481753	katomerrill8189@aol.couk	560-8645 Risus. Av.	67910

ImportImport to ScriptCloseSYSTEM@XEUPDATED STAFF.txt loaded, 31 KBHelp

https://generatedata.com/generator

New Data Set

Home News Generator Register Login

#	Data Type	Column Name	Examples	Options
#1	Names	SNAME	Alex Smith	Name Surname
#2	Phone / Fax	SMOBILE	North America	0000000000
#3	Email	SMAIL	No examples available.	SOURCE: NAME FIELDS
#4	Street Address	SADDRESS	No examples available.	No options available.
#5	Number Range	SID	No examples available.	Between 100 and 999

Add 1 ROW

MYSQL

```
1 DROP TABLE IF EXISTS `myTable`;
2
3 CREATE TABLE `myTable` (
4   `id` mediumint(8) unsigned NOT NULL auto_increment,
5   `SNAME` varchar(255) default NULL,
6   `SMOBILE` varchar(100) default NULL,
7   `SMAIL` varchar(255) default NULL,
8   `SADDRESS` varchar(255) default NULL,
9   `SID` mediumint default NULL,
10  PRIMARY KEY (`id`)
11 ) AUTO_INCREMENT=1;
12
13 INSERT INTO `myTable` (`SNAME`, `SMOBILE`, `SMAIL`, `SADDRESS`, `SID`)
```

Help Contact GRID PREVIEW SAVE GENERATE

https://generatedata.com/generator

New Data Set

Home News Generator Register Login

#	Data Type	Column Name	Examples	Options
#1	Names	CNAME	Alex Smith	Name Surname
#2	Phone / Fax	CMOBILE	North America	0000000000
#3	Email	CMAIL	No examples available.	SOURCE: RANDOM
#4	Date	CBIRTHYEAR	May 26, 2024	Jan 1, 1915 → May 23, 2025 Format code: y
#5	Names	CGENDER	Alex Smith	F M
#6	Number Range	CID	No examples available.	Between 100 and 999
#7	Street Address	CADDRESS	No examples available.	No options available.

Add 1 ROW

CSV

```
1 CNAME,CMOBILE,CMAIL,CBIRTHYEAR,CGENDER,CID,CADDRESS
2 Raymond Potter,6544414405,mauris.e@aol.com,1993,F,722,266-3441 Uria. Street
3 Alyssa Beard,0529790435,nec.urna.suscipit@hotmail.ca,2017,F,733,4p #195-2539 Rutrum Rd.
4 Raven McIndez,0511079752,ipsum.donemc.solllicitudin@google.com,1979,M,305,"P.O. Box 347, 4713 Pharetra. Avenue"
5 Colin Murcadi,0515481844,velit-justo@outlook.co.uk,2009,M,433,"4448 Rem. Ave"
```

Help Contact GRID PREVIEW SAVE GENERATE

קובץ גיבוי Backup.sql:

הדגמת גיבוי:

Name	Type	Created
REPCATS_INSTANTIATION_DDL	TABLE	27/08/2011 08:23:16
REPCATS_KEY_COLUMNS	TABLE	27/08/2011 08:23:05
REPCATS_OBJECT_PARAMS	TABLE	27/08/2011 08:23:15
REPCATS_OBJECT_TYPES	TABLE	27/08/2011 08:23:14
REPCATS_PARAMETER_COLUMN	TABLE	27/08/2011 08:23:11
REPCATS_PRIORITY	TABLE	27/08/2011 08:23:09
REPCATS_PRIORITY_GROUP	TABLE	27/08/2011 08:23:09
REPCATS_REFRESH_TEMPLATES	TABLE	27/08/2011 08:23:14
REPCATS_REPCAT	TABLE	27/08/2011 08:23:04
REPCATS_REPCATALOG	TABLE	27/08/2011 08:23:09
REPCATS_REPCOLUMN	TABLE	27/08/2011 08:23:05
REPCATS_REPGROUP_PARAMS	TABLE	27/08/2011 08:23:06
REPCATS_REPOBJECT	TABLE	27/08/2011 08:23:05
REPCATS_REPPROP	TABLE	27/08/2011 08:23:09
REPCATS_REPCHEMA	TABLE	27/08/2011 08:23:09
REPCATS_RESOL_STATS_CONTROL	TABLE	27/08/2011 08:23:11
REPCATS_RESOLUTION	TABLE	27/08/2011 08:23:11
REPCATS_RESOLUTION_METHOD	TABLE	27/08/2011 08:23:10
REPCATS_RESOLUTION_STATISTICS	TABLE	27/08/2011 08:23:11
REPCATS_RUNTIME_PARAMS	TABLE	27/08/2011 08:23:15
REPCATS_SITE_OBJECTS	TABLE	27/08/2011 08:23:15
REPCATS_SITES_NEW	TABLE	27/08/2011 08:23:16
REPCATS_SHARPGROUP	TABLE	27/08/2011 08:23:04
REPCATS_TEMPLATE_OBJECTS	TABLE	27/08/2011 08:23:16
REPCATS_TEMPLATE_PARAMS	TABLE	27/08/2011 08:23:15
REPCATS_TEMPLATE_REPGROUPS	TABLE	27/08/2011 08:23:14
REPCATS_TEMPLATE_SITES	TABLE	27/08/2011 08:23:15
REPCATS_TEMPLATE_STATUS	TABLE	27/08/2011 08:23:14
REPCATS_TEMPLATE_TARGETS	TABLE	27/08/2011 08:23:15
REPCATS_TEMPLATE_TYPES	TABLE	27/08/2011 08:23:14
REPCATS_USER_AUTHORIZATIONS	TABLE	27/08/2011 08:23:14
REPCATS_USER_PARAM_VALUES	TABLE	27/08/2011 08:23:15
SQLPLUS_PRODUCT_PROFILE	TABLE	27/08/2011 08:36:13
STAFF	TABLE	13/05/2014 13:04:11
TPPERFORMEDINA	TABLE	22/05/2014 21:51:29
TREATMENT	TABLE	26/05/2014 18:47:23

Oracle Export SQL Inserts PL/SQL Developer Log

☐ Drop tables
☒ Create tables
☐ Truncate tables
☒ Delete records
☒ Disable triggers

☒ Disable foreign key constraints
☒ Include storage
☒ Include privileges
Commit every 100 records (0 = never)

Output file: C:\Users\mariel\Desktop\backup.sql

SYSTEM@XE Exporting... Done

מחיקה:

SQL Output Statistics

```

DROP TABLE Patient;
-- Documentation: The Patient table is dropped as per the specified order.

-- Drop the Office table
DROP TABLE Office;
-- Documentation: The Office table is dropped as per the specified order.

-- Drop the Doctor table
DROP TABLE Doctor;
-- Documentation: The Doctor table is dropped as per the specified order.

-- Drop the Staff table last
DROP TABLE Staff;
-- Documentation: The Staff table is dropped last as per the specified order.

```

Drop payment Drop musedint Drop tpreformedina Drop omakea Drop treatment Drop material Drop appointment Drop patient Drop office Drop doctor Drop staff

(no result set)

SYSTEM@XE Done in 0.031 seconds

שחזור:

