

מיני פרויקט בבסיסי נתונים

בית ספר

שם המגישות:

שירז גז 325021418

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תוכן העניינים:

3.....	תיאור הארגון
5.....	תרשים ERD
6.....	פירוט הישויות
8.....	תרשים DSD
9.....	פקודת CREATE TABLES
12.....	פקודת INSERT TABLE
13.....	Grade insert
18.....	Circle insert
21.....	Room insert
24.....	Schedule insert
27.....	TEACHER INSERT
30.....	student INSERT
33.....	הכנסה דרך טקסט
36.....	שחזור וגיבוי

פרויקט בית ספר:

בית ספר רב תחומי, עכשווי, המציע לתלמידיו מגוון תוכניות לימוד מתקדמות מכל התחומים, תחת קורת גג אחת, תוך הקפדה יתרה על עבודה בתנאים פדגוגיים מחמירים, לימוד באווירה רגועה ומתן יחס אישי לכל תלמיד.

בית הספר כולל צוות מקצועי מהשורה הראשונה, עם וותק וניסיון רב, כולל מורים מומחים בתחומי דעת שונים, יועצים חינוכיים, רכזי שכבה ותחום, ולמידה מותאמת אישית, עוזרי הוראה, ומתן מענה למצבי חירום כאשר איכות ההוראה והרמה המקצועית עומדות מעל לכל.

הישויות הראשיות - צוות - צוות בית הספר.

תלמידים - התלמידים הבאים לבית הספר על מנת ללמוד ולהשתתף בפעילויות השונות.

הפעולות בתחום בית הספר -

לכל שיעור משויך מורה וכן נקבעים סוגי הפעילויות שיתבצעו בו, ניתן לבצע כמה פעילויות בשיעור אחד.

עבור כל פעילות נקבע באילו חומרי למידה ישתמשו.

פירוט ישויות ופעולות:

צוות בית הספר:

- מורים: אחראים על העברת השיעורים והדרכת התלמידים בתחומי הלימוד השונים.

- יועצים חינוכיים: מספקים ייעוץ ותמיכה לתלמידים בנושאים לימודיים וחברתיים.

תלמידים:

- תלמידים: משתתפים בשיעורים ובפעילויות, לומדים ומתפתחים בתחומים שונים.

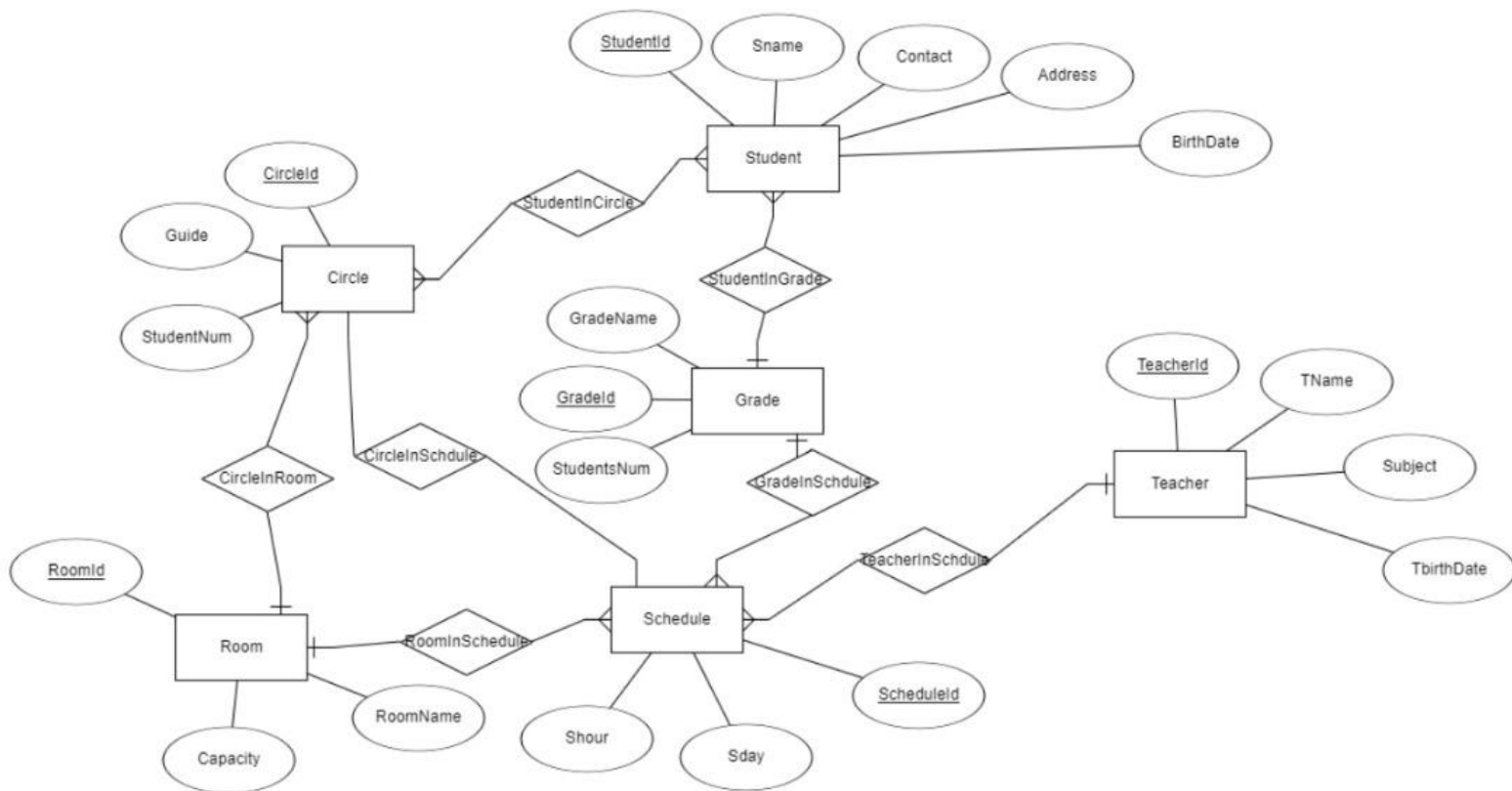
פעולות בתחום בית הספר:

-הקצאת מורים לשיעורים: לכל שיעור משויך מורה מתאים, בהתאם לתחום הלימוד הנדרש.

- שימוש בחומרי למידה: עבור כל פעילות ושיעור נקבעים חומרי הלמידה שישמשו בהם.

בית הספר שם דגש על יצירת סביבה לימודית תומכת ומקדמת, המאפשרת לתלמידים לממש את מלוא הפוטנציאל שלהם תוך דגש על ערכים, כבוד הדדי והתפתחות אישית.

תרשים ERD



פירוט הישגיות:

Student טבלת התלמידים

studentId	תעודת זהות
BirthDate	תאריך לידה
name	שם תלמיד
Address	כתובת
contact	איש קשר

Grade כיתה

GradeId	מספר כיתה
GradeName	שם כיתה
studentsNum	כמות תלמידים

Teachers מורה

TeacherId	תעודת זהות
TbirthDate	תאריך לידה
Name	שם
subject	מקצוע

Schedule מערכת

ScheduleId	תעודת זהות
sHour	שעה
sDay	יום

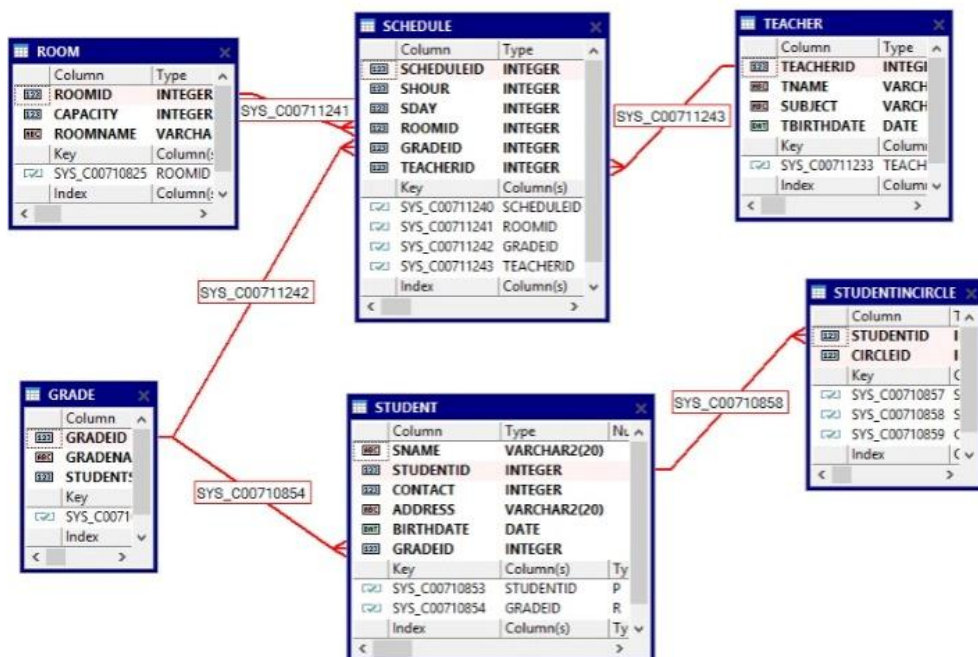
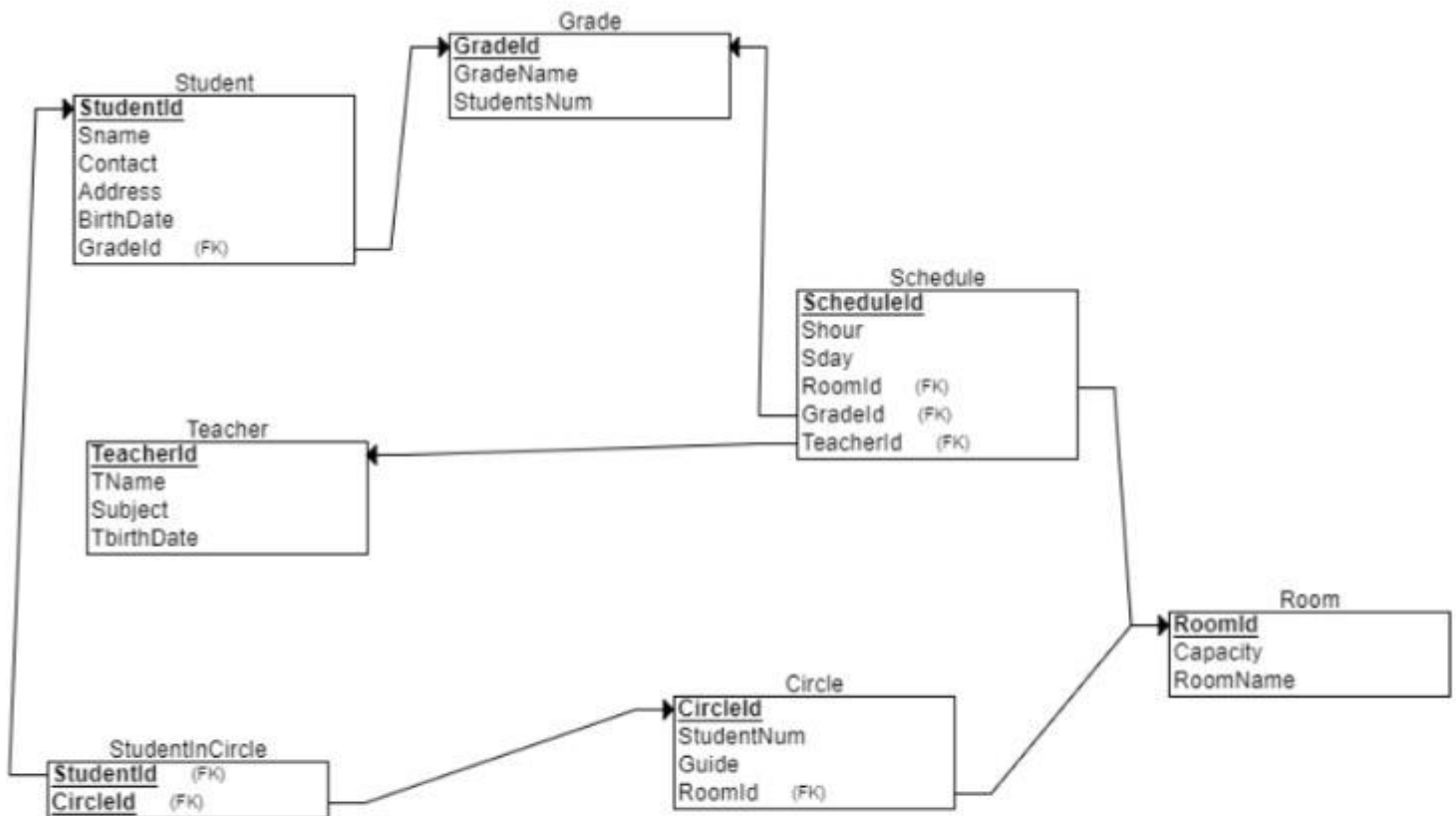
Circle חוג

circleId	תעודת זהות
studentNum	מספר תלמידים
guide	מדריך

Room כיתה

מספר חדר	RoomId
שם כיתה	RoomName
תכולה תלמידים	capacity

תרשים DSD:



:CREATE TABLE פקודת

```
CREATE TABLE Grade
(
    GradeId INT NOT NULL,
    GradeName varchar2(20) NOT NULL,
    StudentsNum INT NOT NULL,
    PRIMARY KEY (GradeId)
);
```

```
CREATE TABLE Room
(
    RoomId INT NOT NULL,
    Capacity INT NOT NULL,
    RoomName varchar2(20) NOT NULL,
    PRIMARY KEY (RoomId)
);
```

```
CREATE TABLE Teacher
(
    TeacherId INT NOT NULL,
    TName varchar2(20) NOT NULL,
    Subject varchar2(20) NOT NULL,
    TbirthDate DATE NOT NULL,
    PRIMARY KEY (TeacherId)
);
```

```
CREATE TABLE Schedule
(
    ScheduleId INT NOT NULL,
    Shour INT NOT NULL,
    Sday varchar2(20) NOT NULL,
```

```

RoomId INT NOT NULL,
GradeId INT NOT NULL,
TeacherId INT NOT NULL,
PRIMARY KEY (ScheduleId),
FOREIGN KEY (RoomId) REFERENCES Room(RoomId),
FOREIGN KEY (GradeId) REFERENCES Grade(GradeId),
FOREIGN KEY (TeacherId) REFERENCES Teacher(TeacherId)
);

```

```

CREATE TABLE Circle
(
    CircleId INT NOT NULL,
    StudentNum INT NOT NULL,
    Guide varchar2(20) NOT NULL,
    RoomId INT NOT NULL,
    PRIMARY KEY (CircleId),
    FOREIGN KEY (RoomId) REFERENCES Room(RoomId)
);

```

```

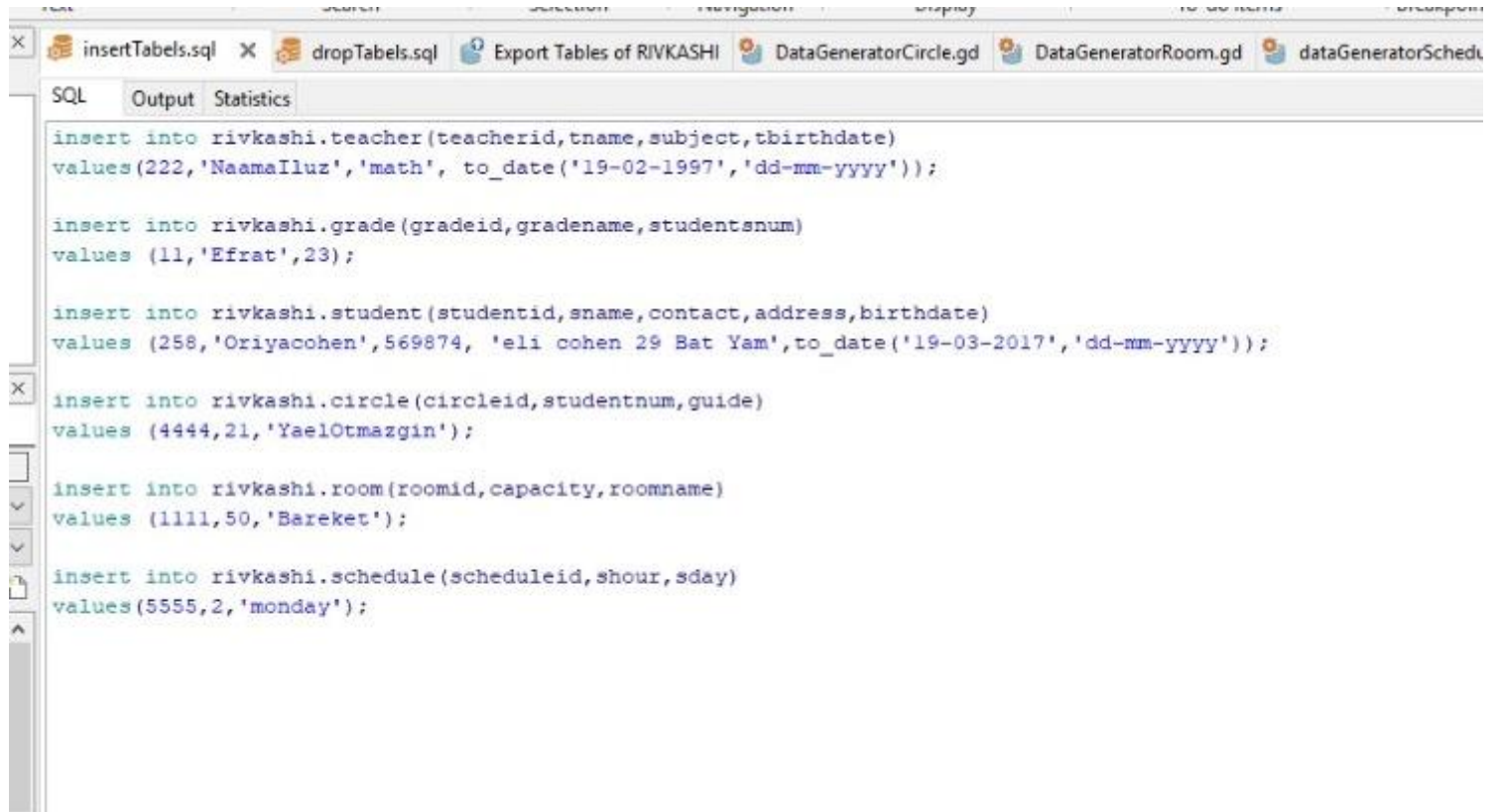
CREATE TABLE Student
(
    Sname varchar2(20) NOT NULL,
    StudentId INT NOT NULL,
    Contact INT NOT NULL,
    Address varchar2(20) NOT NULL,
    BirthDate DATE NOT NULL,
    GradeId INT NOT NULL,
    PRIMARY KEY (StudentId),
    FOREIGN KEY (GradeId) REFERENCES Grade(GradeId)
);

```

```
CREATE TABLE StudentInCircle
(
    StudentId INT NOT NULL,
    CircleId INT NOT NULL,
    PRIMARY KEY (StudentId, CircleId),
    FOREIGN KEY (StudentId) REFERENCES Student(StudentId),
    FOREIGN KEY (CircleId) REFERENCES Circle(CircleId)
);
```

פקודת INSERT TABLE:

פקודה זו מכניסה נתונים לטבלאות, בהתאם לסוג הנצרך בכל טבלה.



The screenshot shows a SQL IDE window with a tab titled 'insertTables.sql'. The window contains a script with several INSERT statements for a database named 'rivkashi'. The statements are as follows:

```
insert into rivkashi.teacher (teacherid, tname, subject, tbirthdate)
values (222, 'NaamaIluz', 'math', to_date('19-02-1997', 'dd-mm-yyyy'));

insert into rivkashi.grade (gradeid, gradename, studentsnum)
values (11, 'Efrat', 23);

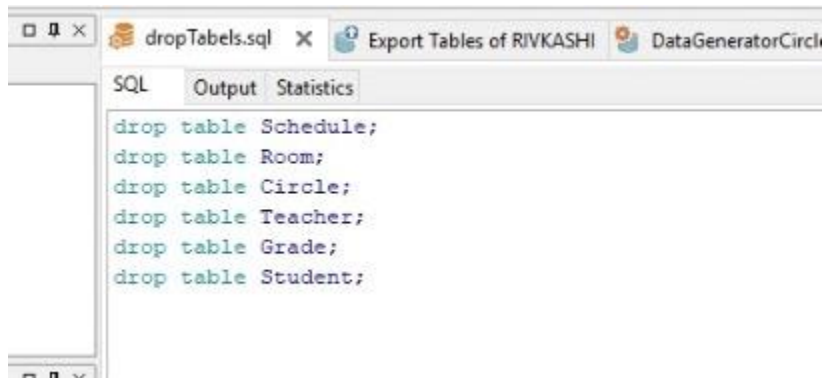
insert into rivkashi.student (studentid, sname, contact, address, birthdate)
values (258, 'Oriyacohen', 569874, 'eli cohen 29 Bat Yam', to_date('19-03-2017', 'dd-mm-yyyy'));

insert into rivkashi.circle (circleid, studentnum, guide)
values (4444, 21, 'YaelOtmazgin');

insert into rivkashi.room (roomid, capacity, roomname)
values (1111, 50, 'Bareket');

insert into rivkashi.schedule (scheduleid, shour, sday)
values (5555, 2, 'monday');
```

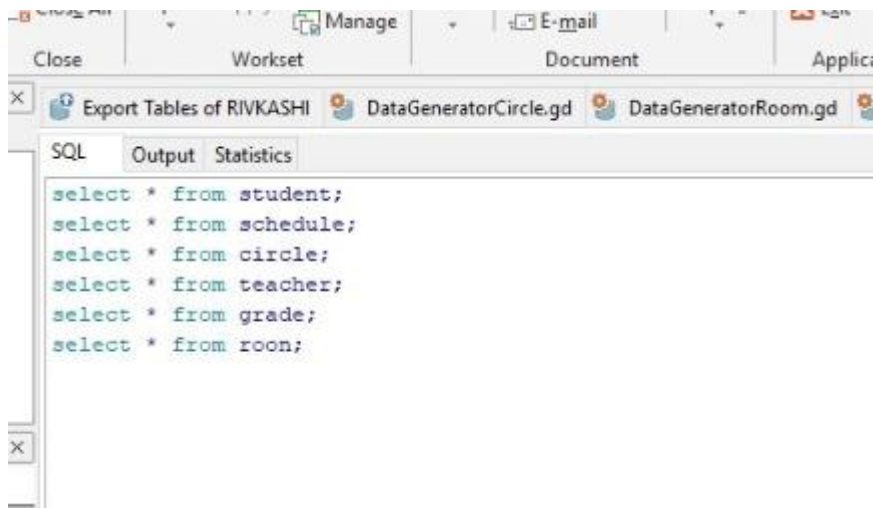
:DROPTABELS



The screenshot shows a SQL Developer window with a script named 'dropTables.sql'. The script contains the following SQL commands:

```
drop table Schedule;  
drop table Room;  
drop table Circle;  
drop table Teacher;  
drop table Grade;  
drop table Student;
```

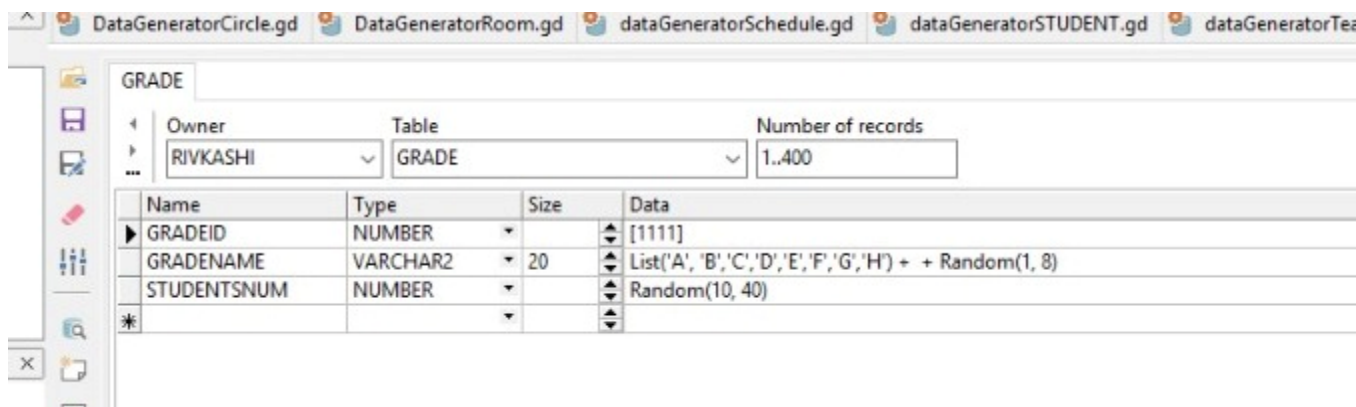
:SELECTALL



The screenshot shows a SQL Developer window with a script containing the following SQL commands:

```
select * from student;  
select * from schedule;  
select * from circle;  
select * from teacher;  
select * from grade;  
select * from room;
```

:Grade insert



The screenshot shows the Oracle Data Generator interface for the 'GRADE' table. The table is owned by 'RIVKASHI' and has 1,400 records. The columns and their data generation rules are as follows:

Name	Type	Size	Data
GRADEID	NUMBER		[1111]
GRADENAME	VARCHAR2	20	List('A', 'B', 'C', 'D', 'E', 'F', 'G', 'H') + + Random(1, 8)
STUDENTSNUM	NUMBER		Random(10, 40)
*			

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (8114, 'D1', 38);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (4579, 'B1', 36);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (7165, 'C7', 25);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (6921, 'A2', 27);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (1864, 'A4', 15);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (1617, 'A7', 37);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (4867, 'D1', 21);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (4798, 'H7', 22);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (9955, 'A6', 33);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (9633, 'A2', 31);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (8551, 'F4', 15);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (6962, 'A1', 31);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (6864, 'D6', 22);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (3686, 'G3', 25);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (7857, 'A7', 27);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (8218, 'D3', 38);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (7899, 'C5', 32);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (6224, 'C7', 25);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (3236, 'C6', 14);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (6344, 'F5', 20);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (7486, 'E7', 27);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (3561, 'D7', 16);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (4227, 'B6', 20);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (4256, 'E4', 18);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (6299, 'A6', 38);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (9433, 'B1', 38);
```

```
insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (8454, 'D1', 21);
```


insert into RIVKASHI.GRADE (GRADEID, GRADENAME, STUDENTSNUM)
values (3561, 'D3', 18);

The screenshot shows a database management application interface. At the top, there is a menu bar with options: Save, Close, Open, Apply, Manage, Print, E-mail, Reports, and Exit. Below the menu bar, there are tabs for different data generators: DataGeneratorCircle.gd, DataGeneratorRoom.gd, dataGeneratorSchedule.gd, and dataGener... (partially visible).

The main window is divided into two sections. The top section is the SQL editor, which contains the following SQL statement:

```
insert into rivkashi.teacher(teacherid,tname,subject,tbirthdate)
values(222,'NaamaIluz','math', to_date('19-02-1997','dd-mm-yyyy'));
```

The bottom section displays a table with the following columns: GRADEID, GRADENAME, and STUDENTSNUM. The table contains 46 rows of data, with the 18th row highlighted in green. The 18th row has the following values: 3553, D4, and 18.

	GRADEID	GRADENAME	STUDENTSNUM
10	2115	C7	38
11	4451	G4	26
12	9482	E4	11
13	8988	E8	10
14	7266	F1	30
15	8954	A2	13
16	6727	A7	25
17	4761	B5	31
18	3553	D4	18
19	4421	D2	20
20	4798	F8	20
21	2667	D6	40
22	3591	B4	15
23	7797	G2	19
24	4636	E4	11
25	3526	D6	21
26	6959	G6	12
27	5339	H4	39
28	6391	C5	13
29	1447	C2	22
30	1984	D8	11
31	8847	F6	16
32	7667	A6	38
33	7915	E1	25
34	7717	B2	30
35	8653	B4	36
36	6856	E6	27
37	3323	D1	21
38	2966	E7	21
39	3144	G6	19
40	1565	H3	10
41	8413	H2	40
42	3173	G1	29
43	2483	A6	39
44	8247	C5	15
45	5285	G2	30
46	9532	E8	32

At the bottom of the application, there is a status bar showing the file name 'pels.sql', the page number '18 of 836', the time '0:01', and the user 'rivkashi@labdbwin'. There is also a warning icon and a message: 'gradename, varchar2(20), mandatory'.

:Circle insert

CIRCLE			
Owner	Table	Number of records	
RIVKASHI	CIRCLE	1..400	
Name	Type	Size	Data
CIRCLEID	NUMBER		[11111]
STUDENTNUM	NUMBER		Random(20, 70)
GUIDE	VARCHAR2	20	FirstName + LastName
ROOMID	NUMBER		List(select roomid from room)
*			

insert into RIVKASHI.CIRCLE (CIRCLEID, STUDENTNUM, GUIDE, ROOMID)
values (29728, 43, 'ChristianUnderwood', 26137);

insert into RIVKASHI.CIRCLE (CIRCLEID, STUDENTNUM, GUIDE, ROOMID)
values (43187, 47, 'AdrienTeng', 41182);

insert into RIVKASHI.CIRCLE (CIRCLEID, STUDENTNUM, GUIDE, ROOMID)
values (29691, 28, 'GeraldLattimore', 73654);

insert into RIVKASHI.CIRCLE (CIRCLEID, STUDENTNUM, GUIDE, ROOMID)
values (31741, 41, 'PierceBraugher', 53786);

insert into RIVKASHI.CIRCLE (CIRCLEID, STUDENTNUM, GUIDE, ROOMID)
values (53375, 23, 'BillColton', 93424);

insert into RIVKASHI.CIRCLE (CIRCLEID, STUDENTNUM, GUIDE, ROOMID)
values (74295, 56, 'TayeBorgnine', 71721);

insert into RIVKASHI.CIRCLE (CIRCLEID, STUDENTNUM, GUIDE, ROOMID)
values (42727, 61, 'UdoWinans', 12491);

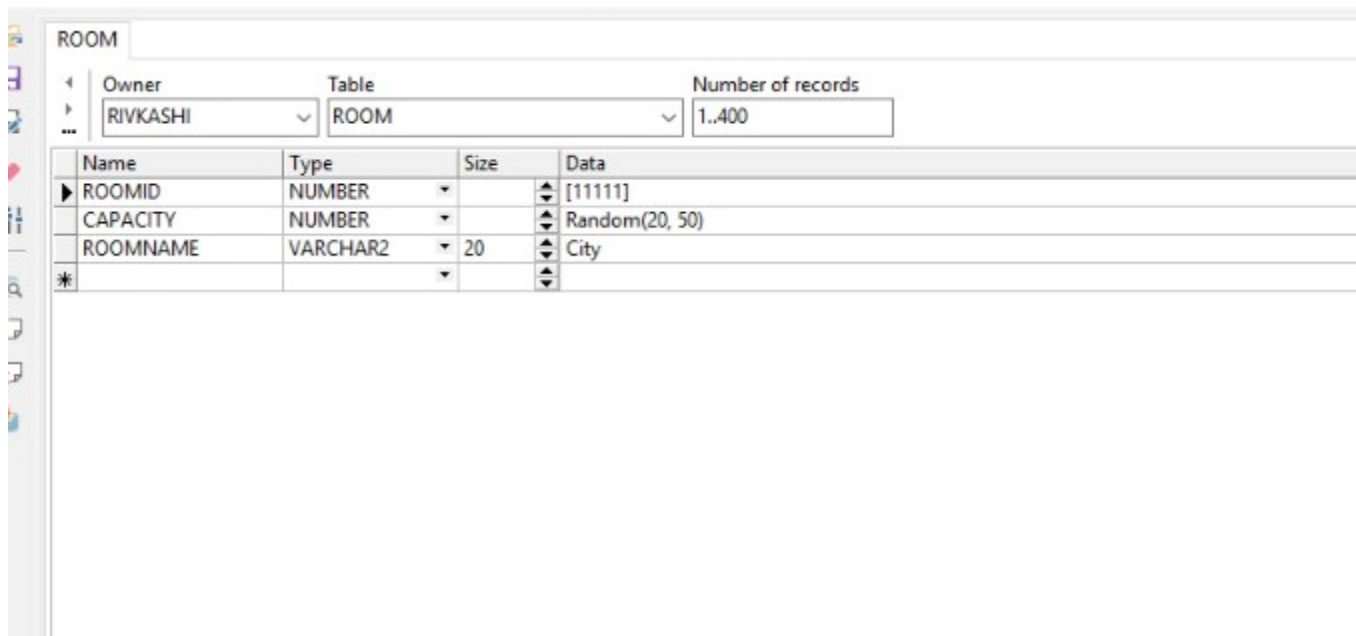
insert into RIVKASHI.CIRCLE (CIRCLEID, STUDENTNUM, GUIDE, ROOMID)
values (23596, 24, 'DarylStrathairn', 55923);

insert into RIVKASHI.CIRCLE (CIRCLEID, STUDENTNUM, GUIDE, ROOMID)
values (12638, 58, 'PetulaFraser', 72236);

	CIRCLEID	STUDENTNUM	GUIDE	ROOMID
1	76572	26	BuffyBracco	76934
2	44835	21	NataliePenn	23384
3	15431	58	PamSpringfield	26739
4	16425	52	MaceoSepulveda	69885
5	49314	51	FranceColeman	75112
6	79658	56	JoannaPopper	52195
7	65334	22	NickelCollette	77239
8	56662	56	TcheKyDamon	31356
9	59855	49	ChakaMcDowell	89111
10	67728	69	NatashaMcDonnell	54295
11	96243	58	RosanneBaker	99192
12	12519	67	AaronCreek	15463
13	76969	24	EmilyRhodes	21424
14	12264	55	SarahReno	74562
15	76861	31	HerbieSteagall	48442
16	25189	29	RoryBarrymore	43255
17	11886	30	TonyPigott-Smith	89914
18	32525	52	JuliaFrancis	45644
19	33744	23	BridgetSimpson	94312
20	33636	56	GordieKoyana	43365
21	45141	58	PamHawthorne	86571
22	53929	59	DevonTanon	48729
23	93574	37	AustinSevenfold	73379
24	91557	44	AmyD'Onofrio	84766
25	77471	34	JerryEl-Saher	96817
26	77966	33	MiliHeald	93724
27	15483	62	HelenSingletary	73296
...

19:1 rivkashi@labdbwin [20:44:31] 876 rows selected in 0.341 seconds

:Room insert



The screenshot shows a database management interface. At the top, there's a tab labeled 'ROOM'. Below it, a summary bar shows 'Owner' as 'RIVKASHI', 'Table' as 'ROOM', and 'Number of records' as '1..400'. Below this is a table definition grid with columns: Name, Type, Size, and Data. The rows define the table structure: ROOMID (NUMBER), CAPACITY (NUMBER), ROOMNAME (VARCHAR2 with size 20), and an asterisk (*) for the primary key. The Data column shows constraints: [11111] for ROOMID, Random(20, 50) for CAPACITY, and City for ROOMNAME.

Name	Type	Size	Data
ROOMID	NUMBER		[11111]
CAPACITY	NUMBER		Random(20, 50)
ROOMNAME	VARCHAR2	20	City
*			

```
insert into RIVKASHI.ROOM (ROOMID, CAPACITY, ROOMNAME)
values (11454, 21, 'Fambach');
```

```
insert into RIVKASHI.ROOM (ROOMID, CAPACITY, ROOMNAME)
values (45625, 41, 'Vaduz');
```

```
insert into RIVKASHI.ROOM (ROOMID, CAPACITY, ROOMNAME)
values (22763, 25, 'Santa Clarat');
```

```
insert into RIVKASHI.ROOM (ROOMID, CAPACITY, ROOMNAME)
values (26256, 20, 'Framingham');
```

```
insert into RIVKASHI.ROOM (ROOMID, CAPACITY, ROOMNAME)
values (62886, 34, 'Lake Bluff');
```

```
insert into RIVKASHI.ROOM (ROOMID, CAPACITY, ROOMNAME)
```

```
values (41176, 34, 'Coldmeece');
```

```
insert into RIVKASHI.ROOM (ROOMID, CAPACITY, ROOMNAME)  
values (44627, 23, 'Amsterdam');
```

```
insert into RIVKASHI.ROOM (ROOMID, CAPACITY, ROOMNAME)  
values (47684, 22, 'Oxford');
```

```
insert into RIVKASHI.ROOM (ROOMID, CAPACITY, ROOMNAME)  
values (85959, 35, 'Gothenburg');
```

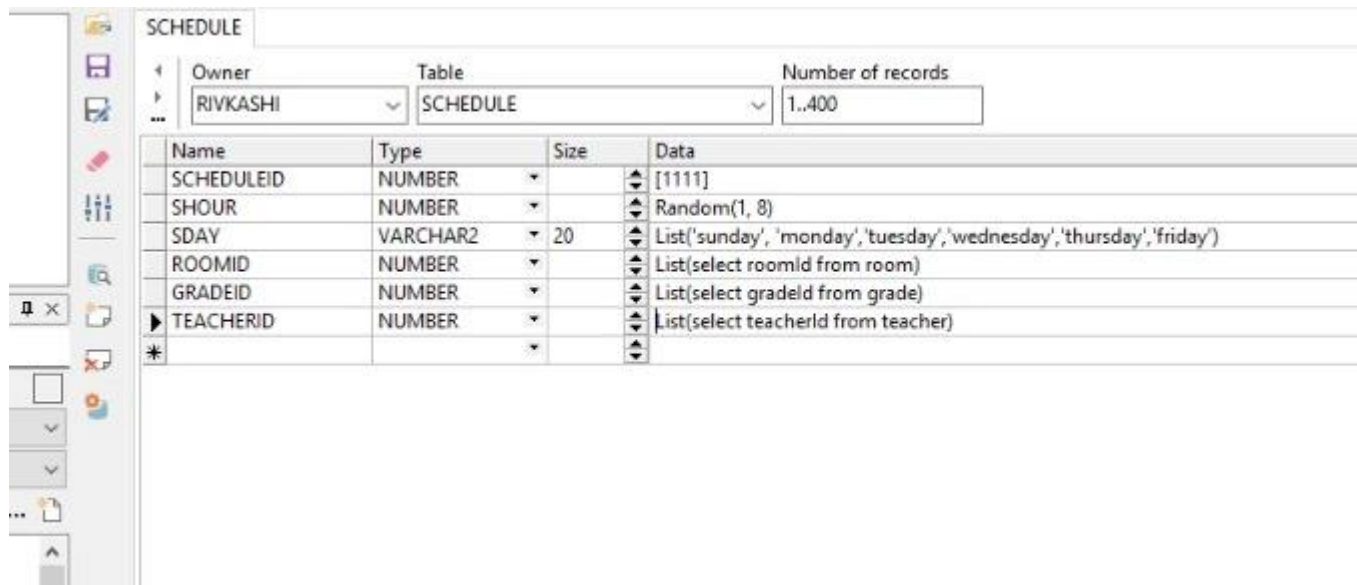
```
insert into RIVKASHI.ROOM (ROOMID, CAPACITY, ROOMNAME)  
values (42953, 50, 'Hampton');
```

```
insert into RIVKASHI.ROOM (ROOMID, CAPACITY, ROOMNAME)  
values (98321, 21, 'Bruneck');
```

	ROOMID	CAPACITY	ROOMNAME	
1	93895	21	Ramat Gan	...
2	98786	46	Redondo beach	...
3	53836	31	Gliwice	...
4	96889	43	Milan	...
5	66916	42	Granada Hills	...
6	87481	30	Stafford	...
7	38111	28	Gdansk	...
8	35769	31	Sheffield	...
9	16992	30	Dunn loring	...
10	87177	28	El Paso	...
11	47656	46	Coslada	...
12	39772	26	Moreno Valley	...
13	16121	44	Hayward	...
14	87248	29	Pointe-claire	...
15	93813	21	Akita	...
16	77162	29	Canberra	...
17	88916	32	New Hope	...
18	25649	49	Ben-Gurion	...
19	98485	26	Ashdod	...
20	87671	22	Lehi	...
21	47587	34	Luzern	...
22	33688	46	Massano	...

19:1 rivkashi@labdbwin [20:46:18] 1550 rows selected in 0.572 s

:Schedule insert



Name	Type	Size	Data
SCHEDULEID	NUMBER		[1111]
SHOUR	NUMBER		Random(1, 8)
SDAY	VARCHAR2	20	List('sunday', 'monday', 'tuesday', 'wednesday', 'thursday', 'friday')
ROOMID	NUMBER		List(select roomid from room)
GRADEID	NUMBER		List(select gradeid from grade)
TEACHERID	NUMBER		List(select teacherid from teacher)

```
insert into RIVKASHI.SCHEDULE (SCHEDULEID, SHOUR, SDAY, ROOMID,
GRADEID, TEACHERID)
```

```
values (7377, 8, 'thursday', 52651, 3761, 751);
```

```
insert into RIVKASHI.SCHEDULE (SCHEDULEID, SHOUR, SDAY, ROOMID,
GRADEID, TEACHERID)
```

```
values (1489, 1, 'sunday', 16247, 6453, 314);
```

```
insert into RIVKASHI.SCHEDULE (SCHEDULEID, SHOUR, SDAY, ROOMID,
GRADEID, TEACHERID)
```

```
values (4218, 1, 'friday', 45828, 7319, 688);
```

```
insert into RIVKASHI.SCHEDULE (SCHEDULEID, SHOUR, SDAY, ROOMID,
GRADEID, TEACHERID)
```

```
values (1275, 8, 'sunday', 78931, 5165, 959);
```

```
insert into RIVKASHI.SCHEDULE (SCHEDULEID, SHOUR, SDAY, ROOMID,
GRADEID, TEACHERID)
```


values (2549, 4, 'sunday', 47132, 7435, 361);

insert into RIVKASHI.SCHEDULE (SCHEDULEID, SHOUR, SDAY, ROOMID,
GRADEID, TEACHERID)

values (4136, 1, 'thursday', 88875, 5929, 293);

insert into RIVKASHI.SCHEDULE (SCHEDULEID, SHOUR, SDAY, ROOMID,
GRADEID, TEACHERID)

values (5636, 4, 'wednesday', 54885, 1969, 681);

insert into RIVKASHI.SCHEDULE (SCHEDULEID, SHOUR, SDAY, ROOMID,
GRADEID, TEACHERID)

values (4584, 7, 'thursday', 12734, 6952, 444);

insert into RIVKASHI.SCHEDULE (SCHEDULEID, SHOUR, SDAY, ROOMID,
GRADEID, TEACHERID)

values (5256, 2, 'friday', 16774, 2978, 177);

insert into RIVKASHI.SCHEDULE (SCHEDULEID, SHOUR, SDAY, ROOMID,
GRADEID, TEACHERID)

values (2624, 4, 'monday', 62118, 7467, 332);

insert into RIVKASHI.SCHEDULE (SCHEDULEID, SHOUR, SDAY, ROOMID,
GRADEID, TEACHERID)

values (4872, 8, 'friday', 48541, 7266, 951);

```

values (11, 'Efrat', 23);

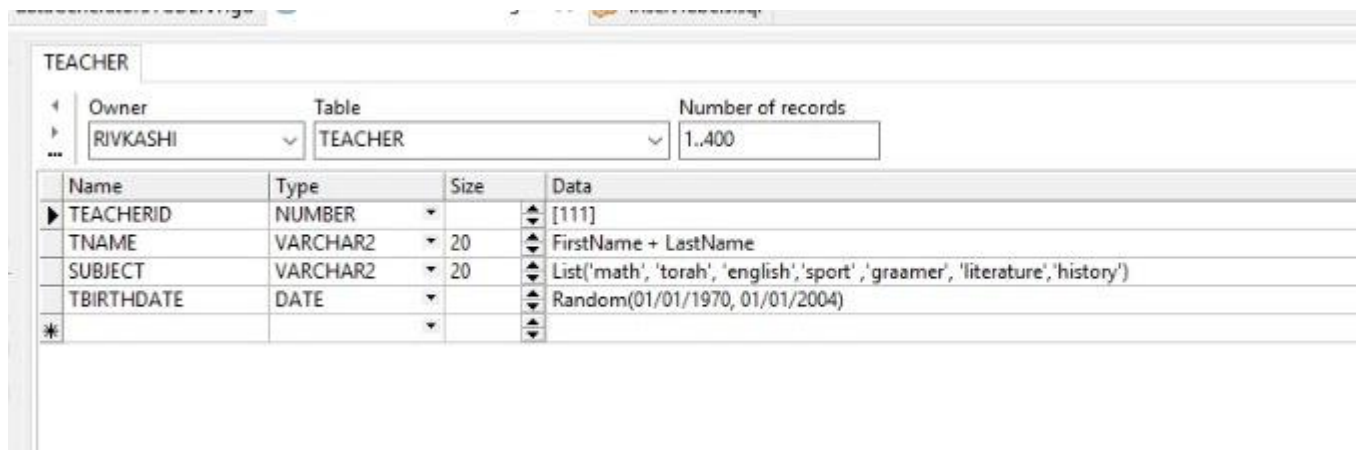
insert into rivkashi.grade (gradeid, gradename, studentsnum)
values (11, 'Efrat', 23);

```

	SCHEDULEID	SHOUR	SDAY	ROOMID	GRADEID	TEACHERID
1	3921	4	wednesday	68675	9768	533
2	7961	2	sunday	83917	8473	783
3	6267	2	monday	14951	2997	235
4	8991	6	friday	71143	7338	892
5	4485	2	thursday	74696	4834	715
6	3889	3	friday	34774	3571	927
7	3613	6	sunday	55136	7149	468
8	5777	4	friday	64172	1343	568
9	4616	3	tuesday	15463	1769	928
10	5834	3	monday	87778	8262	343
11	3571	3	sunday	19798	5314	822
12	6531	3	tuesday	54572	3947	654
13	9996	1	thursday	21415	3799	841
14	3812	4	monday	29271	7377	584
15	9542	8	tuesday	76734	8823	129
16	4592	5	wednesday	27528	1831	329
17	1554	7	sunday	46897	2449	388
18	4947	7	sunday	85568	1847	547
19	8766	6	friday	98652	8413	533
20	1745	7	tuesday	41441	6856	611
21	5764	2	thursday	15896	9569	584
22	1545	8	friday	95697	7843	325
23	9681	5	friday	72726	3929	179
24	1926	6	tuesday	69466	1234	346
25	5422	2	monday	43944	7632	221
26	7424	8	thursday	51991	5481	771
27	3399	1	tuesday	53786	2449	584
28	6519	5	sunday	76589	2721	873
29	6385	1	thursday	62216	2418	937
30	5768	3	friday	14918	5977	377
31	6352	8	thursday	73918	4493	895
32	2579	2	friday	34184	4189	386
33	8582	6	thursday	75267	7698	987
34	8862	2	friday	92957	4899	755
35	6287	2	thursday	34963	1229	686

19:1 rivkashi@labdbwin [20:56:15] 718 rows selected in 0.355 seconds

:TEACHER INSERT



The screenshot shows the Oracle SQL Developer interface for the TEACHER table. The table is owned by RIVKASHI and contains 1,400 records. The table structure is as follows:

Name	Type	Size	Data
TEACHERID	NUMBER		[111]
TNAME	VARCHAR2	20	FirstName + LastName
SUBJECT	VARCHAR2	20	List('math', 'torah', 'english', 'sport', 'greamer', 'literature', 'history')
TBIRTHDATE	DATE		Random(01/01/1970, 01/01/2004)
*			

```
insert into RIVKASHI.TEACHER (TEACHERID, TNAME, SUBJECT,  
TBIRTHDATE)
```

```
values (169, 'EmilyGiamatti', 'literature', to_date('31-08-1990', 'dd-mm-  
yyyy'));
```

```
insert into RIVKASHI.TEACHER (TEACHERID, TNAME, SUBJECT,  
TBIRTHDATE)
```

```
values (236, 'MattSalonga', 'math', to_date('21-03-1980', 'dd-mm-  
yyyy'));
```

```
insert into RIVKASHI.TEACHER (TEACHERID, TNAME, SUBJECT,  
TBIRTHDATE)
```

```
values (959, 'JenniferBarry', 'math', to_date('26-12-1992', 'dd-mm-  
yyyy'));
```

```
insert into RIVKASHI.TEACHER (TEACHERID, TNAME, SUBJECT,  
TBIRTHDATE)
```

```
values (644, 'DeniseMcGoohan', 'literature', to_date('23-11-1990', 'dd-  
mm-yyyy'));
```

```
insert into RIVKASHI.TEACHER (TEACHERID, TNAME, SUBJECT,  
TBIRTHDATE)  
  
values (768, 'JarvisNicholson', 'history', to_date('14-08-1982', 'dd-mm-  
yyyy'));
```

```
insert into RIVKASHI.TEACHER (TEACHERID, TNAME, SUBJECT,  
TBIRTHDATE)  
  
values (226, 'CharlizeJudd', 'literature', to_date('01-03-1990', 'dd-mm-  
yyyy'));
```

```
insert into RIVKASHI.TEACHER (TEACHERID, TNAME, SUBJECT,  
TBIRTHDATE)  
  
values (361, 'CarolineIdol', 'math', to_date('29-06-1977', 'dd-mm-yyyy'));
```

```
insert into RIVKASHI.TEACHER (TEACHERID, TNAME, SUBJECT,  
TBIRTHDATE)  
  
values (344, 'LeeleeTucci', 'sport', to_date('29-12-1982', 'dd-mm-yyyy'));
```

```
insert into RIVKASHI.TEACHER (TEACHERID, TNAME, SUBJECT,  
TBIRTHDATE)  
  
values (612, 'KelliMcDonnell', 'english', to_date('20-04-1975', 'dd-mm-  
yyyy'));
```

```
insert into RIVKASHI.TEACHER (TEACHERID, TNAME, SUBJECT,  
TBIRTHDATE)  
  
values (867, 'MerrillMcCain', 'torah', to_date('11-09-1993', 'dd-mm-  
yyyy'));
```

```
insert into RIVKASHI.TEACHER (TEACHERID, TNAME, SUBJECT,  
TBIRTHDATE)
```

values (942, 'OliverAnderson', 'graamer', to_date('07-10-1973', 'dd-mm-yyyy')));

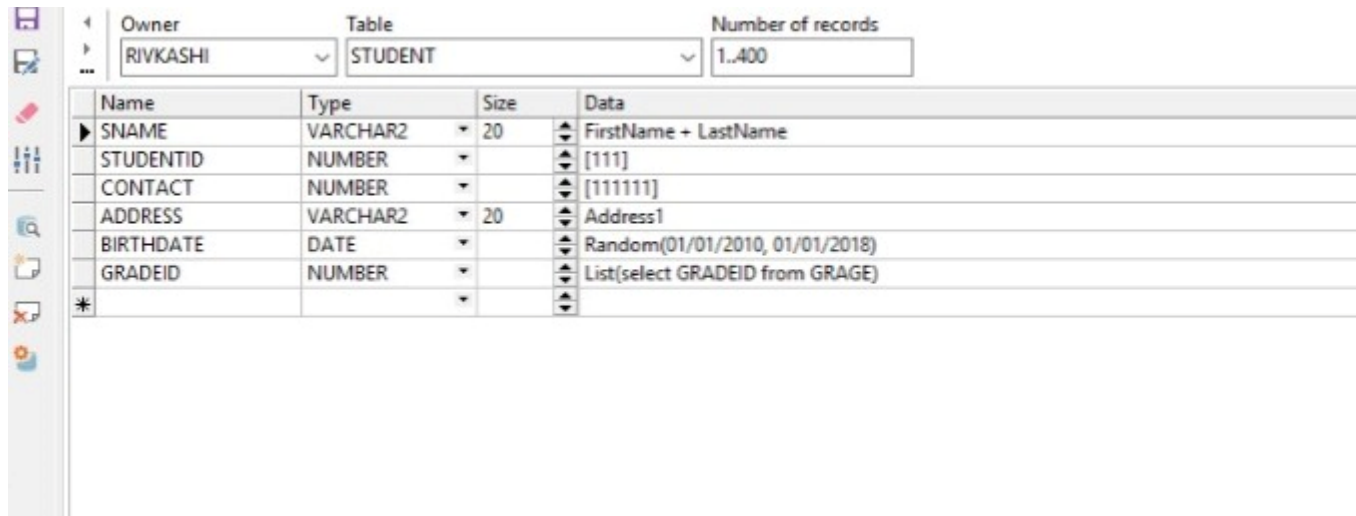
insert into RIVKASHI.TEACHER (TEACHERID, TNAME, SUBJECT, TBIRTHDATE)

values (241, 'LennieDriver', 'literature', to_date('18-12-1991', 'dd-mm-yyyy')));

	TEACHERID	TNAME	SUBJECT	TBIRTHDATE
1	469	ElijahParish	literature	03/12/1987
2	991	NatalieHaysbert	sport	12/06/1991
3	327	PragaMetcalf	torah	14/02/1970
4	635	JohnnieEpps	sport	29/04/1992
5	332	EddiePhillips	english	30/05/1991
6	367	WhoopiValentin	graamer	10/08/1996
7	765	BarrySpacek	sport	19/02/1980
8	499	RolandoLewis	literature	25/06/1990
9	247	CarrieSquier	literature	22/05/2001
10	762	NedPolito	math	21/08/1973
11	896	SherylRomijn-Stamos	english	04/04/1979
12	185	MariaNivola	literature	22/06/1993
13	383	JoyCronin	literature	07/10/1975
14	656	LoisStowe	literature	09/01/1991
15	757	HugoSanders	graamer	04/12/1987
16	126	MelGunton	torah	17/10/2001
17	797	AlexLattimore	math	22/05/1986
18	382	ColinMagnuson	english	06/06/1971
19	393	MerrileeShawn	torah	16/02/1999
20	827	BenHarrelson	history	18/03/1991
21	825	PamelaDeVito	torah	26/09/1989
22	641	CeliaArden	graamer	28/06/1987
23	384	ColmMoriarty	sport	24/11/1975
24	264	JonnyMohr	history	19/09/2003
25	684	AliceWeaving	graamer	05/10/1984
26	379	MadelineTsettos	english	24/06/1983
27	736	SarahNeeson	history	24/06/1973

19:1 rivkashi@labdbwin [21:00:28] 447 rows selected in 0.216 seconds

:student insert



Owner	Table	Number of records
RIVKASHI	STUDENT	1..400

Name	Type	Size	Data
SNAME	VARCHAR2	20	FirstName + LastName
STUDENTID	NUMBER		[111]
CONTACT	NUMBER		[111111]
ADDRESS	VARCHAR2	20	Address1
BIRTHDATE	DATE		Random(01/01/2010, 01/01/2018)
GRADEID	NUMBER		List(select GRADEID from GRAGE)
*			

```
insert into RIVKASHI.STUDENT (SNAME, STUDENTID, CONTACT,  
ADDRESS, BIRTHDATE, GRADEID)
```

```
values ('AnnaSellers', 197, 142537, '37 Mahoney Road', to_date('17-04-  
2013', 'dd-mm-yyyy'), ORA-00942: table or view does not exist);
```

```
insert into RIVKASHI.STUDENT (SNAME, STUDENTID, CONTACT,  
ADDRESS, BIRTHDATE, GRADEID)
```

```
values ('CoreyColon', 254, 648514, '583 Leigh Street', to_date('04-10-  
2017', 'dd-mm-yyyy'), ORA-00942: table or view does not exist);
```

```
insert into RIVKASHI.STUDENT (SNAME, STUDENTID, CONTACT,  
ADDRESS, BIRTHDATE, GRADEID)
```

```
values ('DenzelMitra', 295, 644783, '11 St Jean de Soudai', to_date('11-  
04-2012', 'dd-mm-yyyy'), ORA-00942: table or view does not exist);
```

```
insert into RIVKASHI.STUDENT (SNAME, STUDENTID, CONTACT,  
ADDRESS, BIRTHDATE, GRADEID)
```

```
values ('BoydCurfman', 274, 772998, '30 Patillo', to_date('21-11-2015',  
'dd-mm-yyyy'), ORA-00942: table or view does not exist);
```

```
insert into RIVKASHI.STUDENT (SNAME, STUDENTID, CONTACT,  
ADDRESS, BIRTHDATE, GRADEID)  
  
values ('LoisRatzenberger', 799, 834285, '28 Jane Street', to_date('14-03-  
2011', 'dd-mm-yyyy'), ORA-00942: table or view does not exist);
```

```
insert into RIVKASHI.STUDENT (SNAME, STUDENTID, CONTACT,  
ADDRESS, BIRTHDATE, GRADEID)  
  
values ('MarleyLindo', 576, 757275, '51st Street', to_date('11-01-2017',  
'dd-mm-yyyy'), ORA-00942: table or view does not exist);
```

```
insert into RIVKASHI.STUDENT (SNAME, STUDENTID, CONTACT,  
ADDRESS, BIRTHDATE, GRADEID)  
  
values ('WaymanBridges', 578, 192538, '17 Purefoy Street', to_date('18-  
05-2015', 'dd-mm-yyyy'), ORA-00942: table or view does not exist);
```

```
insert into RIVKASHI.STUDENT (SNAME, STUDENTID, CONTACT,  
ADDRESS, BIRTHDATE, GRADEID)  
  
values ('DebraPony', 585, 616485, '79 Johor Bahru Drive', to_date('10-  
01-2016', 'dd-mm-yyyy'), ORA-00942: table or view does not exist);
```

```
insert into RIVKASHI.STUDENT (SNAME, STUDENTID, CONTACT,  
ADDRESS, BIRTHDATE, GRADEID)  
  
values ('PhilRucker', 728, 497225, '25 Bruce Blvd', to_date('27-09-2011',  
'dd-mm-yyyy'), ORA-00942: table or view does not exist);
```

```
insert into RIVKASHI.STUDENT (SNAME, STUDENTID, CONTACT,  
ADDRESS, BIRTHDATE, GRADEID)  
  
values ('AdinaHaysbert', 364, 531573, '41st Street', to_date('02-04-  
2011', 'dd-mm-yyyy'), ORA-00942: table or view does not exist);
```


insert into RIVKASHI.STUDENT (SNAME, STUDENTID, CONTACT, ADDRESS, BIRTHDATE, GRADEID)

values ('CarlosShatner', 925, 885713, '58 Portman Road', to_date('01-04-2011', 'dd-mm-yyyy'), ORA-00942: table or view does not exist);

insert into RIVKASHI.STUDENT (SNAME, STUDENTID, CONTACT, ADDRESS, BIRTHDATE, GRADEID)

values ('NickGosdin', 751, 439262, '74 Orton Street', to_date('08-11-2013', 'dd-mm-yyyy'), ORA-00942: table or view does not exist);

insert into RIVKASHI.STUDENT (SNAME, STUDENTID, CONTACT, ADDRESS, BIRTHDATE, GRADEID)

values ('KirkYoung', 967, 939393, '91st Street', to_date('01-01-2016', 'dd-mm-yyyy'), ORA-00942: table or view does not exist);

	SNAME	STUDENTID	CONTACT	ADDRESS	BIRTHDATE	GRADEID
1	LilyGreene	133	777243	62 Carlton Road	25/12/2015	1998
2	WinonaBurmester	511	987594	5 Samrand Road	08/07/2014	7717
3	AlbertPlimpton	449	459968	30 Borger Street	13/06/2012	2178
4	TimGeldof	465	346858	33 Stevens Drive	02/11/2015	6499
5	SolomonNicholas	144	755218	39 Isaac	10/10/2010	3553
6	RosanneAndrews	888	827755	53 Berenger Road	06/10/2015	1535
7	MacWilson	434	914227	4 Fambach Road	16/09/2014	9495
8	JackBalin	128	161462	88 Balin Road	10/08/2012	7797
9	SandraMcCoy	519	943211	927 Glen	14/07/2016	9959
10	BonnieStanton	568	786587	31 Affleck Drive	07/07/2015	2735
11	EllenOldman	883	198546	8 Neuch?tel Ave	03/12/2010	3875
12	StevieEckhart	183	129428	47 Tooele Drive	18/02/2011	4373
13	NeilO'Donnell	781	978318	407 Patrick Street	25/07/2016	8298
14	DeniseOates	545	164813	99 Shannon Street	13/05/2016	8483
15	BradleyShandling	971	838647	95 Rhymes Street	31/12/2017	9139
16	GaryPurefoy	956	166684	23rd Street	20/03/2016	2351
17	DionneChung	645	698147	39 Sylvian	28/04/2014	4589
18	GabrielLi	884	145137	95 Spacek Road	26/11/2010	5888
19	AidanSingletary	665	733597	32 Lauper Drive	21/11/2016	1173
20	JaneMerchant	451	815217	761 McCoy Drive	28/12/2011	2581
21	JodieRyan	459	694948	11 Everett Ave	27/09/2014	4496
22	AustinFrancis	225	213291	74 Princeton Drive	01/11/2011	7767
23	AidanNegbaur	517	664252	100 Brando	27/06/2017	8248
24	ChetPhillips	732	863547	32 Lang Drive	11/05/2012	5777
25	WoodyGertner	536	117996	972 Horizon	06/12/2012	7838
26	EdHector	224	777184	808 Molina Road	19/07/2012	2643
27	DeborahStills	137	113689	54 Van Der Beek Driv	16/11/2014	7549

הכנסה דרך טקסט:

```
insert into rivkashi.teacher(teacherid,tname,subject,tbirthd
values(222,'NaamaIlluz','math', to_date('19-02-1997','dd-mm-y
```

	GRADEID	GRADENAME	STUDENTSNUM
1	1234	'Shoham'	25
2	2378	'sapir'	30
3	6743	'argaman'	50
4	9987	'yahalom'	70

grade - Notepad

File Edit Format View Help

```
1234, 'Shoham',25
2378, 'sapir',30
6743, 'argaman',50
9987, 'yahalom',70
```

File Project Edit Session **Tools** Configure View Help Plug-Ins

Explain Plan Query Builder Find Database Objects Compare User Objects Export Tables Text Importer
 Code Assistant Show Compiler Hints PL/SQL Beautifier Compile Invalid Objects Compare User Objects Import Tables ODBC Importer
 Export User Objects DBMS Scheduler Compare Table Data Data Generator

Source Objects Data

Connections dataGeneratorSTUDENT.gd insertTables.sql grade.txt

Imported Fixed Users
 Imported History
 Recent

Objects Objects Files

<CURRENT USER>

All objects

Enter filter text...

Recent objects
 Recycle bin
 Functions
 Procedures
 Packages
 Package bodies
 Types
 Type bodies
 Triggers
 Java sources
 Java classes
 DBMS_Jobs
 Queues
 Queue tables
 Libraries
 Directories
 Tables

Window List Window List Templates

Data Generator - dataGeneratorSTUDENT.gd
 SQL Window - insertTables.sql
 Text Importer

Data from Textfile Data to Oracle

File Data

```
1234, 'Shoham', 25
2378, 'sapir', 30
6743, 'argaman', 50
9987, 'yahalom', 70
```

Configuration

General

Fieldcount: 3

Quote character: "

Comment line:

Import lines: 1 ..

☒ End at line-end
☐ Name in header
☒ Skip empty lines

Field1 (+0 .. ",")
Field2 (+0 .. ",")
Field3 (+0 .. ",")

Field Start:
☐ Relative
☐ Absolute
☐ Character

Field End:
☐ Length
☐ Character

Filter:

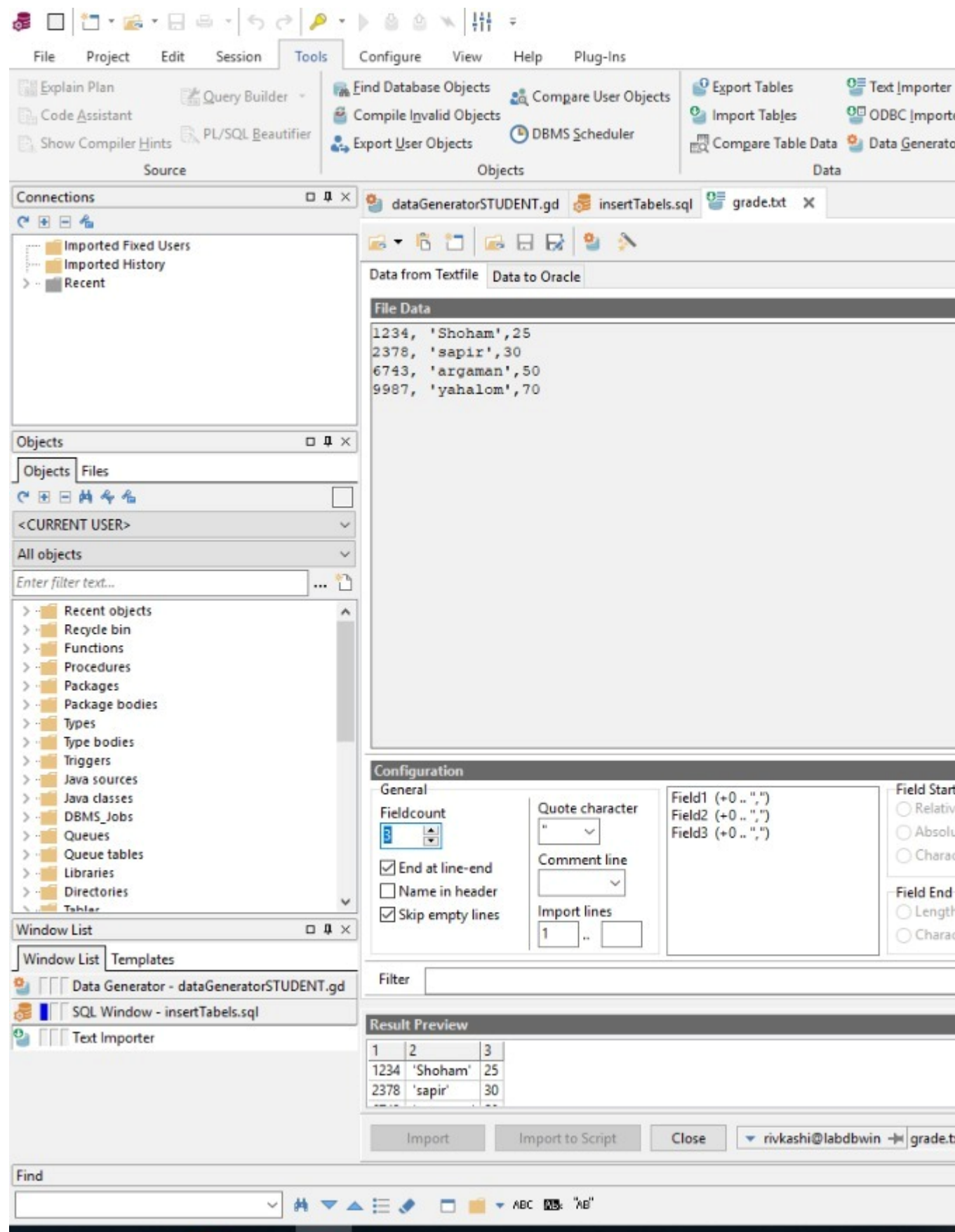
Result Preview

1	2	3
1234	'Shoham'	25
2378	'sapir'	30

Import Import to Script Close rivkashi@labdbwin → grade.t

Find

ABC "AB"



שחזור וגיבוי:

rivkashi@labdbwin - PL/SQL Developer - Export Tables of RIVKASHI

File Project Edit Session Tools Configure View Help Plug-Ins

Tools: Explain Plan, Code Assistant, Show Compiler Hints, Query Builder, PL/SQL Beautifier, Find Database Objects, Compile Invalid Objects, Export User Objects, Compare User Objects, DBMS Scheduler, Export Tables, Import Tables, Compare Table Data, Text Importer, ODBC Importer, Data Generator, Event Monitor, Sessions, Test Manager, Load Tester

Connections: Imported Fixed Users, Imported History, Recent

Objects: Objects, Files, <CURRENT USER>, All objects, Enter filter text...

Name	Type	Compiled
CIRCLE	TABLE	26/05/2024 20:12:04
GRADE	TABLE	26/05/2024 20:12:02
ROOM	TABLE	26/05/2024 20:12:02
SCHEDULE	TABLE	28/05/2024 18:20:34
STUDENT	TABLE	26/05/2024 20:12:04
STUDENTINCIRCLE	TABLE	26/05/2024 20:12:04
TEACHER	TABLE	27/05/2024 10:31:09

User: <CURRENT USER>

Oracle Export SQL Inserts PL/SQL Developer

☐ Drop tables ☒ Disable foreign key constraints

☒ Create tables ☒ Include storage

☐ Truncate tables ☒ Include privileges

☒ Delete records Commit every 100 records (0 = never)

☒ Disable triggers Where clause

☐ Zip

Output file: Z:\ריוקאשי\נתונים\פרויקט חתוקין\Backups\Backup_28-05-24.sql

rivkashi@labdbwin

Find

