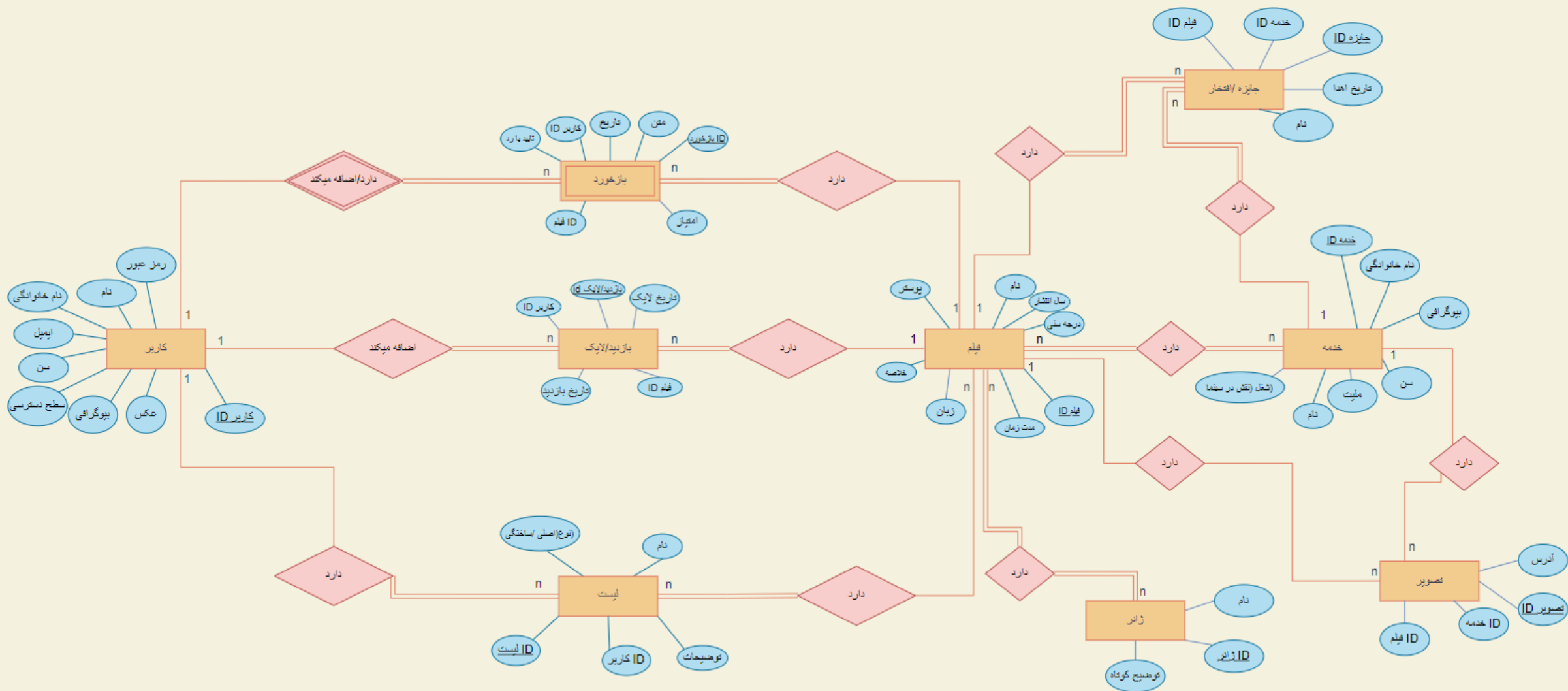


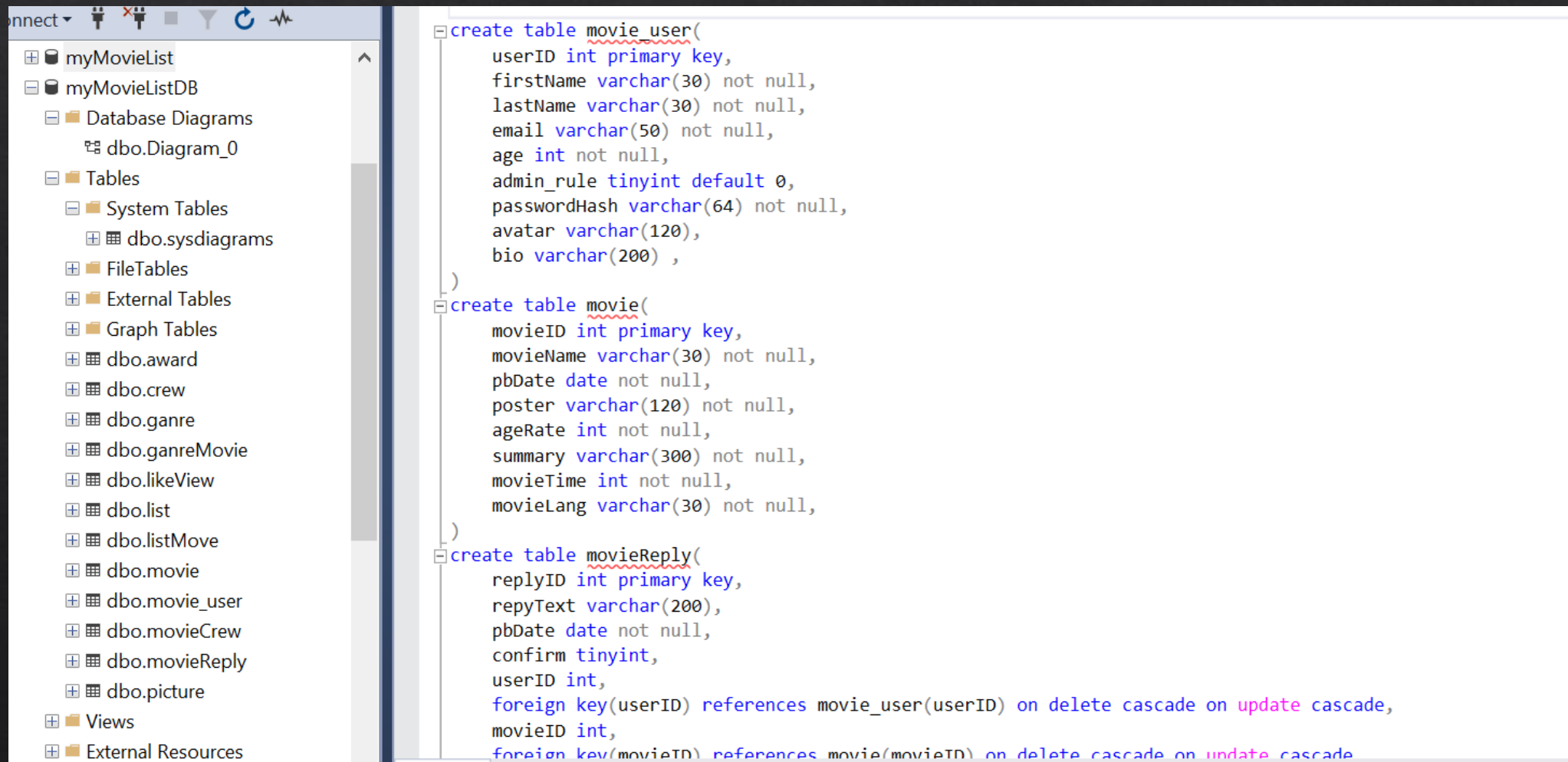
پایگاه داده برنامه MY Movie List

شرح کلی

- مشخصات کاربران
- فیلم ها
- Crew
- افتخارات
- لیست ها



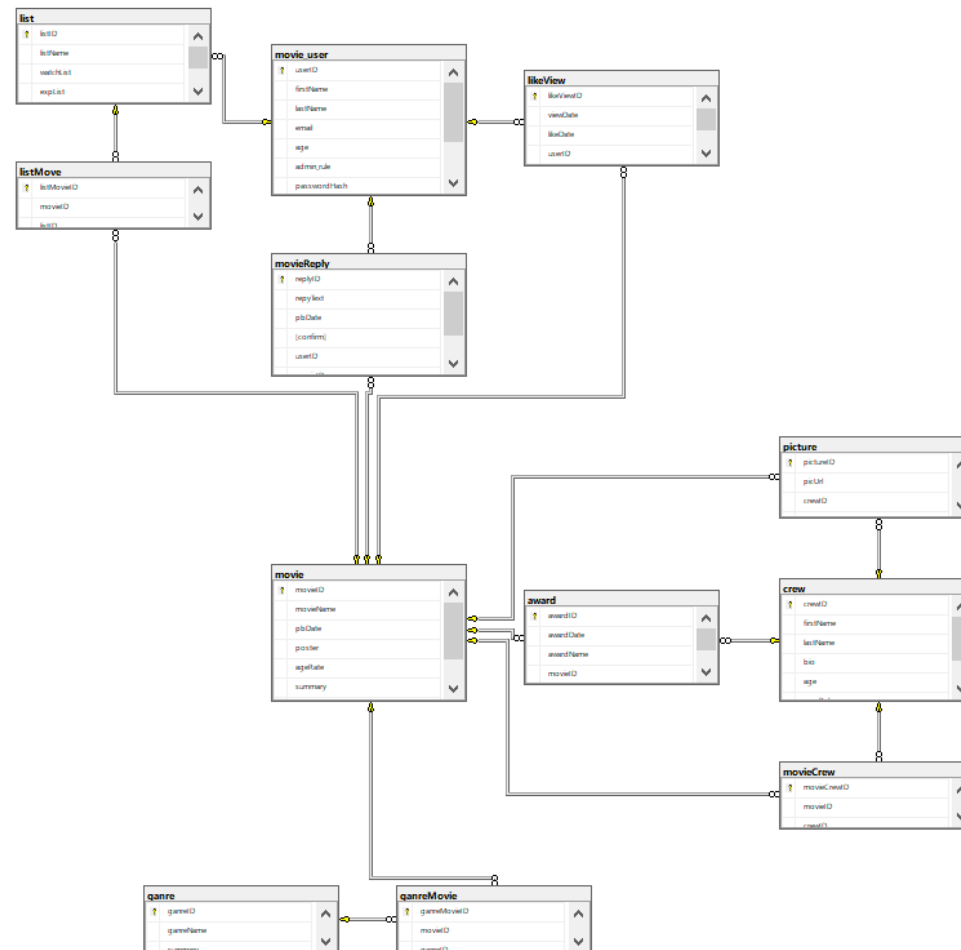
پیاده سازی-جدول ها



The screenshot displays the SQL Server Enterprise Manager interface. On the left, the 'myMovieListDB' database is expanded, showing a list of tables including 'dbo.movie_user', 'dbo.movie', and 'dbo.movieReply'. On the right, the SQL script for creating these tables is shown.

```
create table movie_user(  
    userID int primary key,  
    firstName varchar(30) not null,  
    lastName varchar(30) not null,  
    email varchar(50) not null,  
    age int not null,  
    admin_rule tinyint default 0,  
    passwordHash varchar(64) not null,  
    avatar varchar(120),  
    bio varchar(200) ,  
)  
  
create table movie(  
    movieID int primary key,  
    movieName varchar(30) not null,  
    pbDate date not null,  
    poster varchar(120) not null,  
    ageRate int not null,  
    summary varchar(300) not null,  
    movieTime int not null,  
    movieLang varchar(30) not null,  
)  
  
create table movieReply(  
    replyID int primary key,  
    replyText varchar(200),  
    pbDate date not null,  
    confirm tinyint,  
    userID int,  
    foreign key(userID) references movie_user(userID) on delete cascade on update cascade,  
    movieID int,  
    foreign key(movieID) references movie(movieID) on delete cascade on update cascade
```

پیاده سازی-جدول ها



Movie_user

```
create table movie_user(
  userID int primary key,
  firstName varchar(30) not null,
  lastName varchar(30) not null,
  email varchar(50) not null,
  age int not null,
  admin_rule tinyint default 0,
  passwordHash varchar(64) not null,
  avatar varchar(120),
  bio varchar(200) ,
)
```

userID	firstName	lastName	email	age	admin_rule	passwordHash	avatar	bio
1	Mitchel	Deniske	mdeniske0@uol.com.br	20	0	0inyqR	https://robohash.org/atquedoloreseveniet.jpg?size=4...	NULL
2	Tamara	Rego	trego1@mozilla.com	36	1	vbhAQYt	https://robohash.org/magniquidemunde.jpg?size=40...	
3	Karel	McParland	kmcparland2@stanford.edu	53	1	KUSJUdFwE	NULL	In quis jus
4	Nevil	Wallwood	nwallwood3@devhub.com	48	0	aaOIMPfg2TZ	https://robohash.org/siteiusrerum.jpg?size=40x40&s...	
5	Esme	Vasenkov	evassenkov4@unicef.org	33	1	gS52BqraIsc	https://robohash.org/idsapientequod.jpg?size=40x40...	Phasellus
6	Kay	Gelder	kgelder5@privacy.gov.au	6	0	BkANQLsx	NULL	Duis conse
7	Ami	Bronger	abronger6@seesaa.net	15	1	jhakZD	NULL	
8	Truda	Crighton	tcrighton7@salon.com	9	1	AZjAJ2Gwci	https://robohash.org/nihilautnulla.jpg?size=40x40&se...	
9	Sebastien	McQuaid	smcquaid8@huffingtonpost.com	3	1	jhOiSwlyW	https://robohash.org/sintullamvoluptatem.jpg?size=4...	
10	Melvyn	Twopenny	mtwopenny9@diigo.com	32	0	m0TFut	https://robohash.org/voluptatemtotamvoluptatem.jpg...	NULL
11	Tabbie	Strongitharm	tstrongitharma@theatlantic.com	53	1	AaDZHkw7ZVO	NULL	NULL
12	Aubrie	Shory	ashoryb@opera.com	60	0	BWtWgq	https://robohash.org/autlaborumitaque.jpg?size=40x...	NULL
13	Britta	Douch	bdouchc@tmall.com	24	1	dr1zhAKm3	NULL	
14	Daphene	Folonin	dfolonind@addtoany.com	24	0	6ntbtn0wxMhX	NULL	NULL
15	Maxim	Laurisch	mlaurische@cafeexpress.com	1	1	E7HlVB	https://robohash.org/estquodsiit.jpg?size=40x40&set...	Phasellus
16	Garrik	Warmington	gwarmingtonf@comcast.net	21	0	1MK4ec	NULL	
17	Minor	Grindley	mgrindleyg@parallels.com	29	0	OcQVYc	https://robohash.org/suntadsed.jpg?size=40x40&set...	
18	Allina	Scothorne	ascothornemh@opera.com	26	1	7tWOlh2Pr1S	https://robohash.org/optioauttempora.jpg?size=40x4...	NULL
19	Giselbert	Ulyat	gulyati@unicef.org	5	0	ZfG3dus0y	https://robohash.org/dictafugiatet.jpg?size=40x40&s...	NULL
20	Thaddeus	Berkeley	tberkeleyj@soundcloud.com	1	1	knTAcrHmW	https://robohash.org/accusantiumpariaturatione.jpg...	NULL
21	Patton	Winman	pwinmank@hc360.com	75	0	30yn0va	https://robohash.org/rerumanimiqui.jpg?size=40x40&...	NULL
22	Delcina	Studart	dstudartl@domainmarket.com	59	0	awnGpBteS2r	https://robohash.org/sitasperioresporro.jpg?size=40x...	NULL
23	Torrance	Gemelli	tgemellim@yale.edu	3	1	opkGUiHg	https://robohash.org/blanditiisautincidunt.jpg?size=4...	NULL
24	Miriam	Birden	mbirdenn@ocn.ne.jp	48	1	p1Mcclv	https://robohash.org/rationesaepeunde.jpg?size=40x...	

Movie

```
create table movie(  
  movieID int primary key,  
  movieName varchar(30) not null,  
  pbDate date not null,  
  poster varchar(120) not null,  
  ageRate int not null,  
  summary varchar(300) not null,  
  movieTime int not null,  
  movieLang varchar(30) not null,  
)
```

movieID	movieName	pbDate	poster	ageRate	summary	movieTime	movieL
481	Faithless	1979-02-16	http://dummyimage.com/107x100.png/dddddd/000000	15	Morbi non lectus. Aliquam sit amet diam in magna ...	3576	Maratt
482	Dischord	2001-01-24	http://dummyimage.com/194x100.png/cc0000/ffffff	4	Praesent blandit. Nam nulla. Integer pede justo, la...	19940	Tetum
483	Three Wise Fools	1973-04-24	http://dummyimage.com/214x100.png/5fa2dd/ffffff	7	In sagittis dui vel nisl. Duis ac nibh. Fusce lacus pu...	16833	Quech
484	Fright	2012-01-06	http://dummyimage.com/231x100.png/ff4444/ffffff	2	Sed ante. Vivamus tortor. Duis mattis egestas met...	8235	Tajik
485	Perfect Man, A	1991-05-14	http://dummyimage.com/100x100.png/5fa2dd/ffffff	6	Curabitur gravida nisi at nibh. In hac habitasse plat...	5747	Maced
486	Remember the Titans	1988-06-19	http://dummyimage.com/110x100.png/ff4444/ffffff	13	Duis bibendum. Morbi non quam nec dui luctus rutr...	929	Greek
487	Killer Shrews, The	1978-08-18	http://dummyimage.com/189x100.png/cc0000/ffffff	11	Duis bibendum. Morbi non quam nec dui luctus rutr...	18320	West F
488	Mystery, Alaska	1974-11-19	http://dummyimage.com/129x100.png/dddddd/000000	6	Duis aliquam convallis nunc. Proin at turpis a pede ...	12056	Maori
489	Butcher's Wife, The	2010-02-02	http://dummyimage.com/201x100.png/5fa2dd/ffffff	5	Aliquam quis turpis eget elit sodales scelerisque. M...	8065	Dutch
491	Patton	2013-03-17	http://dummyimage.com/184x100.png/ff4444/ffffff	13	Sed ante. Vivamus tortor. Duis mattis egestas met...	21515	Swati
492	Absentia	1996-05-15	http://dummyimage.com/155x100.png/ff4444/ffffff	3	Fusce posuere felis sed lacus. Morbi sem mauris, l...	11987	Oriya
493	Promised Land	1991-08-15	http://dummyimage.com/167x100.png/ff4444/ffffff	19	Vestibulum quam sapien, varius ut, blandit non, int...	16929	Azeri
494	Safe Haven	1989-05-26	http://dummyimage.com/226x100.png/5fa2dd/ffffff	16	In sagittis dui vel nisl. Duis ac nibh. Fusce lacus pu...	7967	Tajik
495	Gayby	2017-09-02	http://dummyimage.com/218x100.png/dddddd/000000	14	Aenean fermentum. Donec ut mauris eget massa t...	9621	Greek
496	Borderland	1994-05-14	http://dummyimage.com/198x100.png/5fa2dd/ffffff	19	Cras mi pede, malesuada in, imperdiet et, commod...	15706	Hunga
499	Spider-Man	2005-10-26	http://dummyimage.com/240x100.png/5fa2dd/ffffff	8	Maecenas ut massa quis augue luctus tincidunt. N...	1868	Azeri
500	Jury Duty	2017-08-01	http://dummyimage.com/177x100.png/5fa2dd/ffffff	10	Sed sagittis. Nam congue, risus semper porta volut...	1510	Malay
501	Anniversary, The	1991-03-15	http://dummyimage.com/215x100.png/5fa2dd/ffffff	9	Cras non velit nec nisi vulputate nonummy. Maece...	19528	Haitiar
503	Yongary: Monster from the D...	1994-08-01	http://dummyimage.com/156x100.png/5fa2dd/ffffff	9	Cum sociis natoque penatibus et magnis dis partur...	17517	Arabic
504	Sinbad of the Seven Seas	2012-01-17	http://dummyimage.com/173x100.png/5fa2dd/ffffff	1	Nulla ut erat id mauris vulputate elementum. Nulla...	9431	Luxem
505	Meatballs Part II	1976-11-17	http://dummyimage.com/200x100.png/ff4444/ffffff	4	Morbi porttitor lorem id ligula. Suspendisse ornare ...	8073	Maori
506	Warlock	1983-10-27	http://dummyimage.com/176x100.png/cc0000/ffffff	18	Aliquam quis turpis eget elit sodales scelerisque. M...	9346	Swati
507	Sasori	1988-08-03	http://dummyimage.com/191x100.png/cc0000/ffffff	5	Mauris enim leo, rhoncus sed, vestibulum sit amet, ...	14524	Haitiar
508	Cave of Forgotten Dreams	2009-05-29	http://dummyimage.com/120x100.png/5fa2dd/ffffff	12	Maecenas tristique, est et tempus semper, est qua...	18050	Sotho
509	Son of a Gun	1974-02-10	http://dummyimage.com/212x100.png/5fa2dd/ffffff	14	Duis aliquam convallis nunc. Proin at turpis a pede ...	2029	Assam

Crew

```
create table crew(
  crewID int primary key,
  firstName varchar(30) not null,
  lastName varchar(30) not null,
  bio varchar(300),
  age int,
  crewRule varchar(30) not null,
  nationality varchar(30),
)
```

crewID	firstName	lastName	bio	age	crewRule	nationality
1	EuOrciMauris.ppt	Inchcomb	Aliquam quis turpis eget elit sodales scelerisque. ...	NULL	VP Quality Control	China
2	Ut.avi	Enright	Quisque porta volutpat erat. Quisque erat eros, viv...	39	Nuclear Power Engineer	Czech Republic
3	OrciLuctus.txt	Curnokk	Phasellus in felis. Donec semper sapien a libero. N...	63	Speech Pathologist	Indonesia
4	VelEst.ppt	Faherty	Vestibulum quam sapien, varius ut, blandit non, int...	38	Speech Pathologist	Nigeria
5	Duis.xls	McArthur	Praesent id massa id nisl venenatis lacinia. Aenea...	86	Junior Executive	Argentina
6	CongueEtiamJusto.xls	Ehlerding	Fusce consequat. Nulla nisl. Nunc nisl.	NULL	Administrative Assistant I	France
7	Cubilia.mp3	Sackes	Aenean lectus. Pellentesque eget nunc. Donec qu...	31	Occupational Therapist	Chad
8	Sapien.xls	Broggelli	Cras mi pede, malesuada in, imperdiet et, commo...	76	Nuclear Power Engineer	Indonesia
9	NecMolestieSed.pdf	Bingle	Morbi porttitor lorem id ligula. Suspendisse ornare ...	59	Desktop Support Technician	Brazil
10	Convallis.avi	Blue	Quisque id justo sit amet sapien dignissim vestibul...	88	Computer Systems Analyst II	Russia
11	Quam.tiff	Follan	Duis bibendum, felis sed interdum venenatis, turpi...	49	Media Manager IV	United States
12	CommodoPlaceratPraesent.jpeg	Kingsford	Phasellus sit amet erat. Nulla tempus. Vivamus in f...	48	Staff Scientist	South Korea
13	TellusNulla.mp3	Rosenz...	Vestibulum quam sapien, varius ut, blandit non, int...	83	Desktop Support Technician	Russia
15	MolestieNibh.txt	Dechele...	Nullam porttitor lacus at turpis. Donec posuere me...	21	Legal Assistant	South Korea
16	Curae.pdf	Jurges	Aenean lectus. Pellentesque eget nunc. Donec qu...	NULL	Financial Analyst	United States
17	ConsequatVariusInteger.tiff	Shortt	Sed ante. Vivamus tortor. Duis mattis egestas met...	87	VP Product Management	Indonesia
18	OrciLuctus.pdf	Tuffell	Phasellus in felis. Donec semper sapien a libero. N...	35	Speech Pathologist	Philippines
19	Vivamus.gif	Ladon	Maecenas tristique, est et tempus semper, est qu...	86	Staff Scientist	Thailand
20	QuamTurpis.xls	Kitching	Aliquam quis turpis eget elit sodales scelerisque. ...	52	Research Nurse	United States
21	UllamcorperAugue.pdf	Douty	Nullam porttitor lacus at turpis. Donec posuere me...	77	Executive Secretary	China
22	MaurisLaciniaSapien.mov	Kevis	Curabitur gravida nisi at nibh. In hac habitasse plat...	69	Structural Engineer	Colombia
23	AugueAliquam.jpeg	Rehm	Phasellus sit amet erat. Nulla tempus. Vivamus in f...	63	Information Systems Mana...	Indonesia
24	MattisEgestas.tiff	Drewery	Donec diam neque, vestibulum eget, vulputate ut, ...	39	Registered Nurse	Norway
25	CondimentumCurabitur.tiff	Rabjohn	In congue. Etiam justo. Etiam pretium iaculis justo.	62	Media Manager IV	United States
26	LigulaPellentesqueUltrices.gif	Roddy	Maecenas tristique, est et tempus semper, est qu...	NULL	Safety Technician IV	United States
27	AnteVestibulum.ppt	Cases	Cum sociis natoque penatibus et magnis dis partu...	39	Occupational Therapist	Azerbaijan

Award

```
create table award(  
    awardID int primary key,  
    awardDate date not null,  
    awardName varchar(30) not null,  
    movieID int,  
    foreign key(movieID) references movie(movieID) on delete  
cascade on update cascade,  
    crewID int,  
    foreign key(crewID) references crew(crewID) on delete cascade  
on update cascade,  
)
```

awardID	awardDate	awardName	movieID	crewID
1	1983-10-12	Walgreen Nighttime	176	463
2	1992-06-24	CARE ONE	102	181
3	2021-04-22	Naproxen	80	110
4	2000-12-16	Silicea Belladonna	238	466
5	1992-01-09	Plak Smacker	569	43
6	2000-09-29	PROAIRHFA	592	465
8	2019-07-14	Azathioprine	406	321
11	2002-02-01	CRAB MEAT	22	294
12	2020-07-26	CATFISH	80	40
14	2019-12-21	OXYGEN	140	109
15	2013-05-20	Hydrocortisone Butyrate	597	586
16	2011-08-30	nighttime cold and flu relief	254	355
17	2016-01-17	Miconazole Nitrate	8	151
18	2013-11-07	Extra Strength Pain Reli...	214	340
21	1993-09-14	Clindamycin Phosphate	203	565
22	1984-08-28	Quinapril	454	555
23	1989-12-30	Laxative	366	39
29	2007-03-03	Acetylcysteine	103	4
30	2002-02-12	Protection	492	417
31	2015-04-19	Antibacterial	66	11
33	2005-10-14	Lisinopril	543	542
34	1991-02-05	Furosemide	353	518
35	1991-11-16	Methylphenidate Hydroc...	208	544
36	1993-04-13	PSORIASIS	114	571
38	1990-05-16	Fexofenadine Hydrochlor...	555	423

Picture

```
create table picture(  
    pictureID int primary key,  
    picUrl varchar(120) not null,  
    crewID int,  
    foreign key(crewID) references crew(crewID)  
on delete cascade on update cascade,  
    movieID int,  
    foreign key(movieID) references  
movie(movieID) on delete cascade on update  
cascade,  
)
```

pictureID	picUrl	crewID	movieID
903	http://dummyimage.com/196x100.png/dddddd/000000	608	230
904	http://dummyimage.com/149x100.png/ff4444/ffffff	248	268
905	http://dummyimage.com/197x100.png/dddddd/000000	568	38
906	http://dummyimage.com/189x100.png/dddddd/000000	355	271
907	http://dummyimage.com/122x100.png/ff4444/ffffff	417	418
908	http://dummyimage.com/100x100.png/ff4444/ffffff	28	218
909	http://dummyimage.com/155x100.png/ff4444/ffffff	232	411
911	http://dummyimage.com/242x100.png/5fa2dd/ffffff	249	353
912	http://dummyimage.com/170x100.png/5fa2dd/ffffff	622	286
913	http://dummyimage.com/179x100.png/cc0000/ffffff	757	50
915	http://dummyimage.com/158x100.png/cc0000/ffffff	373	199
916	http://dummyimage.com/181x100.png/dddddd/000000	143	546
918	http://dummyimage.com/132x100.png/dddddd/000000	551	386
919	http://dummyimage.com/108x100.png/5fa2dd/ffffff	707	245
921	http://dummyimage.com/246x100.png/5fa2dd/ffffff	383	147
922	http://dummyimage.com/177x100.png/cc0000/ffffff	534	312
923	http://dummyimage.com/228x100.png/ff4444/ffffff	425	233
924	http://dummyimage.com/192x100.png/ff4444/ffffff	327	183
925	http://dummyimage.com/174x100.png/cc0000/ffffff	42	83
927	http://dummyimage.com/227x100.png/dddddd/000000	748	496
928	http://dummyimage.com/202x100.png/5fa2dd/ffffff	601	359
929	http://dummyimage.com/180x100.png/dddddd/000000	601	88
931	http://dummyimage.com/182x100.png/dddddd/000000	435	399
932	http://dummyimage.com/120x100.png/5fa2dd/ffffff	730	394
934	http://dummyimage.com/247x100.png/ff4444/ffffff	420	487
935	http://dummyimage.com/104x100.png/5fa2dd/ffffff	292	157

Genre

```
create table genre(  
  genreID int primary key,  
  genreName varchar(30) not null,  
  summary varchar(200) not null,  
)
```

genreID	genreName	summary
1	Western	Proin eu mi. Nulla ac enim. In tempor, turpis nec eu...
2	Fantasy	Praesent blandit. Nam nulla. Integer pede justo, la...
3	Sci-Fi	Cras non velit nec nisi vulputate nonummy. Maece...
4	Mystery	Proin leo odio, porttitor id, consequat in, consequat...
5	Children	Lorem ipsum dolor sit amet, consectetur adipiscing...
6	Cult	Maecenas ut massa quis augue luctus tincidunt. N...
7	Crime	Aenean lectus. Pellentesque eget nunc. Donec qui...
8	Musical	Aliquam quis turpis eget elit sodales scelerisque. M...
9	Documentary	Cras mi pede, malesuada in, imperdiet et, commod...
10	Drama	Suspendisse potenti. In eleifend quam a odio. In h...
11	Adventure	ec odio justo, sollicitudin ut, suscipit a, feugiat et, e...
12	Romance	Proin leo odio, porttitor id, consequat in, consequat...
13	Horror	Etiam vel augue. Vestibulum rutrum rutrum neque. ...
14	Action	Qs et ultrices posuere cubilia Curae; Nulla dapibus ...
15	Comedy	Maecenas ut massa quis augue luctus tincidunt. N...

List

```
create table list(  
  listID int primary key,  
  listName varchar(30) not null,  
  watchList tinyint not null,  
  expList varchar(200),  
  userID int,  
  foreign key(userID) references  
  movie_user(userID) on delete cascade on update  
  cascade,  
)
```

listID	listName	watchList	expList	userID
1	Luxiq	0		842
2	Wheat Bunt	0	NULL	549
3	ANTIDANDRUFF	0		737
4	Ortho-Novum	0	NULL	794
6	Loperamide Hydrochloride	0	NULL	167
7	SUMATRIPTAN	0	In congue. Etiam justo. Etiam pretium iaculis justo.	432
8	HurriCaine	0	NULL	206
9	Lidocaine	0		150
10	IRESSA	0	NULL	110
11	Ultravate	0	NULL	731
12	DIANEAL PD-2 with Dextrose	0	NULL	213
13	Calcarea Fluorica	0	Morbi non lectus. Aliquam sit amet diam in magna...	396
14	Nabumetone	0	NULL	150
16	cisatracurium besylate	0	NULL	300
17	NBE Citrus	0	NULL	16
18	Beefwood/Australian Pine	0		710
19	Zithromax	0	NULL	622
20	Medicated Heat	0	NULL	762
21	Oxycodone and Acetaminop...	0	NULL	496
24	Tri-Norinyl	0	Aenean lectus. Pellentesque eget nunc. Donec q...	671
26	Femring	0	NULL	165
27	Clonidine Hydrochloride	0		503
28	Oxycodone and Acetaminop...	0		476
29	Viratrol	0		245
30	Ailanthus	0	Proin eu mi. Nulla ac enim. In tempor, turpis nec e...	664
31	Salicylic Acid	0	NULL	388

MovieReply

```
create table movieReply(  
  replyID int primary key,  
  repyText varchar(200),  
  pbDate date not null,  
  confirm tinyint,  
  userID int,  
  foreign key(userID) references  
movie_user(userID) on delete cascade on update  
cascade,  
  movieID int,  
  foreign key(movieID) references  
movie(movieID) on delete cascade on update  
cascade,  
  rate int not null,  
)
```

replyID	repyText	pbDate	confirm	userID	movieID	rate
1	NULL	2022-01-07	0	84	201	9
2	NULL	2021-07-22	1	224	139	4
3	Curabitur gravida nisi at nibh. In hac habitasse pl...	2022-03-22	0	58	66	3
4	NULL	2022-02-18	1	472	300	10
5	NULL	2022-04-12	0	239	377	5
6	NULL	2021-11-27	1	727	157	6
7	NULL	2021-09-29	1	276	177	10
8	NULL	2022-04-10	0	544	336	8
9	NULL	2021-05-15	1	795	366	1
10	Sed sagittis. Nam congue, risus semper porta vol...	2021-06-26	0	899	317	10
11	Praesent blandit. Nam nulla. Integer pede justo, l...	2021-11-29	1	719	425	7
12	NULL	2021-11-28	0	567	457	2
14	NULL	2021-12-14	0	115	597	9
16	NULL	2021-12-12	1	625	299	5
17	Morbi non lectus. Aliquam sit amet diam in magn...	2022-03-01	1	584	367	3
18	NULL	2022-04-04	0	236	318	10
20	NULL	2021-06-09	1	465	570	7
21	Nullam porttitor lacus at turpis. Donec posuere m...	2022-02-24	1	7	472	8
22	Pellentesque at nulla. Suspendisse potenti. Cras ...	2021-06-13	0	7	463	4
23	Morbi porttitor lorem id ligula. Suspendisse ornar...	2021-08-12	0	663	231	10
24	Phasellus sit amet erat. Nulla tempus. Vivamus in...	2021-05-07	0	391	7	2
25	NULL	2021-10-22	0	664	530	3
26	Curabitur at ipsum ac tellus semper interdum. Ma...	2022-01-14	1	387	473	5
27	NULL	2021-05-15	1	841	325	10
28	NULL	2021-07-15	1	224	383	8

LikeView

```
create table likeView(  
  likeViewID int primary key,  
  viewDate date not null,  
  likeDate date,  
  userID int,  
  foreign key(userID) references  
movie_user(userID) on delete cascade on update  
cascade,  
  movieID int,  
  foreign key(movieID) references  
movie(movieID) on delete cascade on update  
cascade,  
)
```

likeViewID	viewDate	likeDate	userID	movieID
1	2022-01-18	NULL	843	48
2	2021-07-25	2022-03-09	646	139
3	2021-09-24	2021-05-16	81	542
4	2022-03-04	2021-11-29	254	591
5	2021-08-22	2021-06-16	678	349
6	2022-02-19	2022-04-13	590	79
7	2021-09-25	2021-11-13	868	597
8	2021-08-18	NULL	730	15
9	2021-05-24	NULL	608	300
11	2022-01-19	NULL	85	111
15	2021-06-23	2021-05-06	730	384
16	2021-07-14	NULL	483	127
17	2021-10-28	2021-11-22	334	185
19	2021-11-13	2022-01-22	494	162
20	2022-01-01	NULL	830	496
21	2021-12-30	NULL	239	454
22	2021-06-30	NULL	474	573
23	2021-11-12	2021-07-13	687	268
25	2022-05-01	2021-12-11	202	30
26	2022-04-16	2021-09-11	359	9
27	2021-12-23	2021-07-08	686	413
28	2022-03-31	2021-11-14	348	242
30	2022-03-23	2021-10-31	508	526
31	2022-02-11	2021-09-10	716	133
32	2022-02-11	NULL	630	56
33	2021-05-12	NULL	241	255

MovieCrew and ...

```
create table movieCrew(  
    movieCrewID int primary key,  
    movieID int,  
    foreign key(movieID) references  
movie(movieID) on delete cascade on update  
cascade,  
    crewID int,  
    foreign key(crewID) references crew(crewID)  
on delete cascade on update cascade,  
)
```

movieCrewID	movieID	crewID
1	247	241
3	218	365
4	181	426
5	54	197
6	504	33
7	298	776
8	298	411
9	411	776
10	571	75
11	145	130
12	211	749
13	482	432
14	266	579
15	569	534
16	149	225
17	17	234
19	100	219
20	514	587
21	194	672
23	156	519
24	144	99
25	172	301
27	80	228
28	113	118
29	138	434
30	232	494

Queries

ID فیلم ها به ترتیب بیشترین بازدید در ماه گذشته

```
select movieID, count(userID) from likeView where  
MONTH(viewDate) = 5 and YEAR(viewDate) = 2021  
group by movieID  
order by count(userID) desc
```

Results			Messages
	movieID	(No column name)	
1	330	6	
2	230	5	
3	198	4	
4	333	4	
5	375	4	
6	298	4	
7	321	4	
8	316	3	
9	311	3	
10	272	3	
11	292	3	

Queries

تعداد فیلم کمدی دیده شده توسط کاربر با شناسه 156

```
select count(movie.movieID) from movie_user,likeView
, movie,genreMovie,genre
where movie_user.userID = likeView.userID
and likeView.movieID = movie.movieID
and genreMovie.movieID = movie.movieID
and genreMovie.genreID = genre.genreID
and movie_user.userID = 156
and genre.genreName = 'Comedy'
```

بدون اجرا کردن خط آخر

Results		Messages	
		(No column name)	
1	26		

Results		Messages	
		(No column name)	
1	3		

Queries

لیست خدمه هایی که حداقل در یک فیلم درام جایزه دار کار کرده اند

```
select crew.firstName , crew.lastName
from crew, movieCrew , movie
where movie.movieID = movieCrew.movieID
and movieCrew.crewID = crew.crewID
and movie.movieID = some(
select movie.movieID from movie, genreMovie, genre, award where
movie.movieID = award.movieID and genreMovie.movieID = movie.movieID
and genreMovie.genreID = genre.genreID and genre.genreName = 'Drama')
```


Queries

	Results	Messages
	firstName	lastName
1	VelEst.ppt	Faherty
2	TellusNulla.mp3	Rosenzveig
3	MolestieNibh.txt	Dechelette
4	Odio.avi	Dukesbury
5	PurusEuMagna.mov	Boobier
6	Nulla.mp3	Brealey
7	PotentiNullamPorttitor.avi	Cadogan
8	Non.doc	Soden
9	OdiIn.mp3	Butters
10	SedSagittis.xls	Pfeifer
11	Arcu.txt	Dunkerley
12	Lectus.png	Corona
13	VenenatisLaciniaAene...	Farrow
14	Ante.gif	Faulconer
15	ProinLeo.mp3	Everett
16	Parturient.png	Maywood
17	AccumsanFelisUt.xls	Longwood
18	MorbiOdioOdio.avi	Fulbrook
19	CuraeMaurisViverra.xls	Fraczkiew...
20	ConvallisMorbiOdio.ppt	Allanby
21	AliquetMaecenasLeo.ppt	Eakens
22	RisusSemper.jpeg	Fishby
23	DictumstMorbi.xls	Derrick
24	DonecOdioJusto.xls	Couvet
25	Adipiscing.mpeg	Rydzynski
26	VivamusInFelis.avi	Obern

نتایج : 101

Queries

نام و نام خانوادگی کاربرانی که در لیست های خود فیلم های نامناسب رده سن خود قرار داده اند:

```
select distinct movie_user.firstName ,  
movie_user.lastName ,movie_user.age , movie.ageRate  
from movie_user inner join list on movie_user.userID = list.userID  
inner join listMove on listMove.listID = list.listID  
inner join movie on listMove.movieID = movie.movieID  
and movie_user.age < movie.ageRate
```

Queries

Results Messages				
	firstName	lastName	age	ageRate
1	Lindsey	Lindwall	3	19
2	Loutitia	Stivani	8	18
3	Mead	Hannan	5	13
4	Lorain	Badsey	13	15
5	Torrance	Gemelli	3	10
6	Rusty	Gisburne	6	7
7	Con	Maine	8	19
8	Shalom	Tenny	5	15
9	Lorette	Cornall	5	16
10	Veda	Sebyer	15	18
11	Drusi	Basilotta	17	19
12	Casey	Toffts	1	6
13	Alecia	Walburn	2	12
14	Steven	Stoltz	7	20
15	Paxon	Standid...	6	10
16	Millicent	George...	4	5
17	Casi	Pender...	7	10
18	Betti	Blomefi...	15	18
19	Susann...	Murdy	6	19
20	Con	Knoller	7	12
21	Naoma	Phonix	4	6
22	Milissent	Tommasi	2	14
23	Karlen	Totman	11	15
24	Monro	Warnock	12	19
25	Daisi	Witterick	7	19
26	Maureen	Swette...	1	2

نتایج : 956

Queries

فیلم های دهه 90 که امتیاز بیشتر از 5 دارند و جایزه نیز گرفته اند

```
select movie.movieName,b.av from movie inner join (select movie.movieID
,AVG(movieReply.rate) as av
from movie INNER JOIN movieReply ON
movie.movieID=movieReply.movieID
Inner JOIN award on movie.movieID = award.awardID
and YEAR(movie.pbDate)>=1990 and YEAR(movie.pbDate) <=2000
group by movie.movieID
having AVG(movieReply.rate) > 5) as b
on b.movieID =movie.movieID
```

Queries

Results Messages		
	movieName	av
1	On Any Sunday	6
2	The Golden Voyage of Sinbad	6
3	Welcome to the Jungle	6
4	Private Lessons	6
5	Sovereign's Company	6
6	Dresser, The	6
7	Wake of Death	6
8	Tarnation	6
9	1001 Nights	6
10	Veronika Decides to Die	6
11	Fanny	6
12	Streaks, The (Pregi)	6
13	Shadows	7
14	Lady Killer	6
15	The Very Thought of You	6
16	Bigfoot	6
17	Incendies	6
18	Jezebel	6
19	Kiss Before Dying, A	7
20	Year of the Comet	6
21	Piñero	6

نتایج : 21

Queries

کاربرانی که فیلم ایتالیایی دیده اند اما در هیچ یک از لیست های خود فیلم ایتالیایی قرار نداده اند

```
(select distinct movie_user.firstName,movie_user.lastName from
movie,likeView,movie_user where
movie_user.userID = likeView.userID and likeView.movieID = movie.movieID
and movie.movieLang = 'Italian'
)
except
(select distinct movie_user.firstName,movie_user.lastName from
movie_user,list ,listMove ,movie
where movie_user.userID = list.listID and list.listID = listMove.listID
and listMove.movieID = movie.movieID
and movie.movieLang = 'Italian'
)
```

Queries

Results			Messages
	firstName	lastName	
1	Abdel	Gasgarth	
2	Abey	Farge	
3	Adler	Stapforth	
4	Adrianna	Elsley	
5	Alexandrina	Warbeys	
6	Aline	Buxsy	
7	Aliza	Piatto	
8	Althea	Gingell	
9	Amalia	Esplin	
10	Ami	Bronger	
11	Angelle	Tomma...	
12	Annabell	Rolstone	
13	Annalee	Melrose	
14	Antoinette	Pagett	
15	Athena	Brandin	
16	Aurelea	Fonteyne	
17	Avivah	Sailer	
18	Barry	Farrears	
19	Bent	Probbin	
20	Beret	Camus	
21	Bobbie	Perlman	
22	Bord	Bastick	
23	Briana	Ashcroft	
24	Brier	Raitie	
25	Cara	Vian	
26	Carmel	Lean	

نتایج : 123

با تشکر

استاد درس : دکتر گودرزی