

```

13
14 • insert into ACTOR values(1, 'Sam Neill', 'male');
15 • insert into ACTOR values(2, 'Kim Novac', 'female');
16 • insert into ACTOR values(3, 'Robert Shaw', 'male');
17 • insert into ACTOR values(4, 'Janet Leigh', 'female');
18 • insert into ACTOR values(5, 'Diane Keaton', 'female');
19 • insert into ACTOR values(6, 'Christian B', 'male');
20 • select * from ACTOR;
21
22 • insert into DIRECTOR values(111, 'Hitchcock', '1234567899');
23 • insert into DIRECTOR values(222, 'Steven Spielberg', '1234567888');
24 • insert into DIRECTOR values(333, 'Christopher N', '1234567898');
25 • insert into DIRECTOR values(444, 'Woody Allen', '1234561234');
26 • insert into DIRECTOR values(555, 'Quentin T', '1234512345');

```

Result Grid   Filter Rows:  | Edit:    | Export/Import:   | Wrap Cell Content: 

	Actor_ID	Actor_Name	Gender
▶	1	Sam Neill	male
	2	Kim Novac	female
	3	Robert Shaw	male
	4	Janet Leigh	female
	5	Diane Keaton	female
	6	Christian B	male
•	NULL	NULL	NULL



Result  
Grid



Form  
Editor



Apply

```

22 • insert into DIRECTOR values(111, 'Hitchcock', '1234567899');
23 • insert into DIRECTOR values(222, 'Steven Spielberg', '1234567888');
24 • insert into DIRECTOR values(333, 'Christopher N', '1234567898');
25 • insert into DIRECTOR values(444, 'Woody Allen', '1234561234');
26 • insert into DIRECTOR values(555, 'Quentin T', '1234512345');
27 • select * from DIRECTOR;
28
29 • insert into MOVIES values(561, 'Jurassic Park', 1993, 'English', 222);
30 • insert into MOVIES values(562, 'Vertigo', 1958, 'English', 111);
31 • insert into MOVIES values(563, 'Jaws', 1975, 'English', 222);
32 • insert into MOVIES values(564, 'Psycho', 1960, 'English', 111);

```

Result Grid



Filter Rows:

Edit:



Export/Import:



Wrap Cell Content:



	Director_ID	Director_Name	Director_Phone
▶	111	Hitchcock	1234567899
	222	Steven Spielber	1234567888
	333	Christopher N	1234567898
	444	Woody Allen	1234561234
	555	Quentin T	1234512345
•	NULL	NULL	NULL

```

29 • insert into MOVIES values(561, 'Jurassic Park', 1993, 'English', 222);
30 • insert into MOVIES values(562, 'Vertigo', 1958, 'English', 111);
31 • insert into MOVIES values(563, 'Jaws', 1975, 'English', 222);
32 • insert into MOVIES values(564, 'Psycho', 1960, 'English', 111);
33 • insert into MOVIES values(565, 'Manhattan', 1979, 'English', 444);
34 • insert into MOVIES values(566, 'The Dark Knight', 2008, 'English', 333);
35 • insert into MOVIES values(567, 'The Dark Knight Rises', 2009, 'English', 333);
36 • insert into MOVIES values(568, 'Thor', 2022, 'English', 444);
37 • select * from MOVIES;
38
39 • insert into MOVIE_CAST values(1, 561, 'abc');
40 • insert into MOVIE_CAST values(2, 562, 'bcd');
41 • insert into MOVIE_CAST values(3, 563, 'hij');
42 • insert into MOVIE_CAST values(4, 564, 'klm');

```

Result Grid   Filter Rows:  | Edit:    | Export/Import:   | Wrap Cell Content: 

	Movie_ID	Movie_Title	Movie_Year	Movie_Language	Director_ID
▶	561	Jurassic Park	1993	English	222
	562	Vertigo	1958	English	111
	563	Jaws	1975	English	222
	564	Psycho	1960	English	111
	565	Manhattan	1979	English	444
	566	The Dark Knight	2008	English	333
	567	The Dark Knight Rises	2009	English	333
	568	Thor	2022	English	444

```
39 • insert into MOVIE_CAST values(1, 561, 'abc');
40 • insert into MOVIE_CAST values(2, 562, 'bcd');
41 • insert into MOVIE_CAST values(3, 563, 'hij');
42 • insert into MOVIE_CAST values(4, 564, 'klm');
43 • insert into MOVIE_CAST values(5, 565, 'nop');
44 • insert into MOVIE_CAST values(6, 566, 'xyz');
45 • insert into MOVIE_CAST values(6, 567, 'xyz1');
46 • insert into MOVIE_CAST values(1, 568, 'abcd');
47 • select * from MOVIE_CAST;
48
49 • insert into RATING values(561, 2);
50 • insert into RATING values(561, 3);
51 • insert into RATING values(561, 4);
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	Actor_ID	Movie_ID	Role
▶	1	561	abc
	2	562	bcd
	3	563	hij
	4	564	klm
	5	565	nop
	6	566	xyz
	6	567	xyz1
	1	568	abcd



```

49 • insert into RATING values(561, 2);
50 • insert into RATING values(561, 3);
51 • insert into RATING values(561, 4);
52 • insert into RATING values(562, 3);
53 • insert into RATING values(563, 4);
54 • insert into RATING values(564, 2);
55 • insert into RATING values(565, 1);
56 • insert into RATING values(566, 4);
57 • select * from RATING;
58
59 • select M.Movie_Title from MOVIES M, DIRECTOR D where M.Director_ID=D.Director_ID and D.Director_
60
61 • select M.Movie_Title from ACTOR A,MOVIE_CAST C,MOVIES M where A.Actor_ID=C.Actor_ID and C.Movie_
62 and A.Actor_ID in (select Actor_ID from MOVIE_CAST group by Actor_ID having COUNT(*)>=2);
63

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [IA](#)

	Movie_ID	Rev_Stars
▶	561	5
	561	5
	561	5
	562	3
	563	5
	564	2
	565	1
	566	4

57 • select ... from RATING;

58

59 • select M.Movie\_Title from MOVIES M, DIRECTOR D where M.Director\_ID=D.Director\_ID and D.Director\_Name='Hitchcock';

60

61 • select M.Movie\_Title from ACTOR A,MOVIE\_CAST C,MOVIES M where A.Actor\_ID=C.Actor\_ID and C.Movie\_ID=M.Movie\_ID



Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	Movie_Title
▶	Vertigo
	Psycho

60

61 • `select M.Movie_Title from ACTOR A,MOVIE_CAST C,MOVIES M where A.Actor_ID=C.Actor_ID and C.Movie_ID=M.Movie_ID`  
62 `and A.Actor_ID in (select Actor_ID from MOVIE_CAST group by Actor_ID having COUNT(*)>=2);`

63

64 • `select Actor_Name from ACTOR where Actor_ID in`

<

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	Movie_Title
▶	Jurassic Park
	Thor
	The Dark Knight
	The Dark Knight Rises

63  
64 • select Actor\_Name from ACTOR where Actor\_ID in

65 (select a.Actor\_ID from  
66 (select Actor\_ID from MOVIE\_CAST natural join MOVIES where Movie\_Year<2000)a inner join  
67 (select Actor\_ID from MOVIE\_CAST natural join MOVIES where Movie\_Year>2015)b  
68 on a.Actor\_ID=b.Actor\_ID);

69

70 • select M.Movie\_Title, max(R.Rev\_stars) from MOVIES M, RATING R where R.Movie\_ID=M.Movie\_ID

< Result Grid |  Filter Rows:  | Export:  | Wrap Cell Content: 

	Actor_Name
▶	Sam Neill



```
70 • select M.Movie_Title, max(R.Rev_stars) from MOVIES M, RATING R where R.Movie_ID=M.Movie_ID
71 group by M.Movie_Title having count(R.Rev_Stars>=1)
72 order by M.Movie_Title;
```

```
74 • update RATING R set R.Rev_Stars=5 where R.Movie_ID in
```

< Result Grid |  Filter Rows:  | Export:  | Wrap Cell Content: 

	Movie_Title	max(R.Rev_stars)
▶	Jaws	5
	Jurassic Park	5
	Manhattan	1
	Psycho	2
	The Dark Knight	4
	Vertigo	3

```
74 • update RATING R set R.Rev_Stars=5 where R.Movie_ID in
75 (select M.Movie_ID from MOVIES M, DIRECTOR D where M.Director_ID=D.Director_ID and D.Director_Name='Steven Spielberg');
76 • select * from RATING;
```



Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	Movie_ID	Rev_Stars
▶	561	5
	561	5
	561	5
	562	3
	563	5
	564	2
	565	1
	566	4