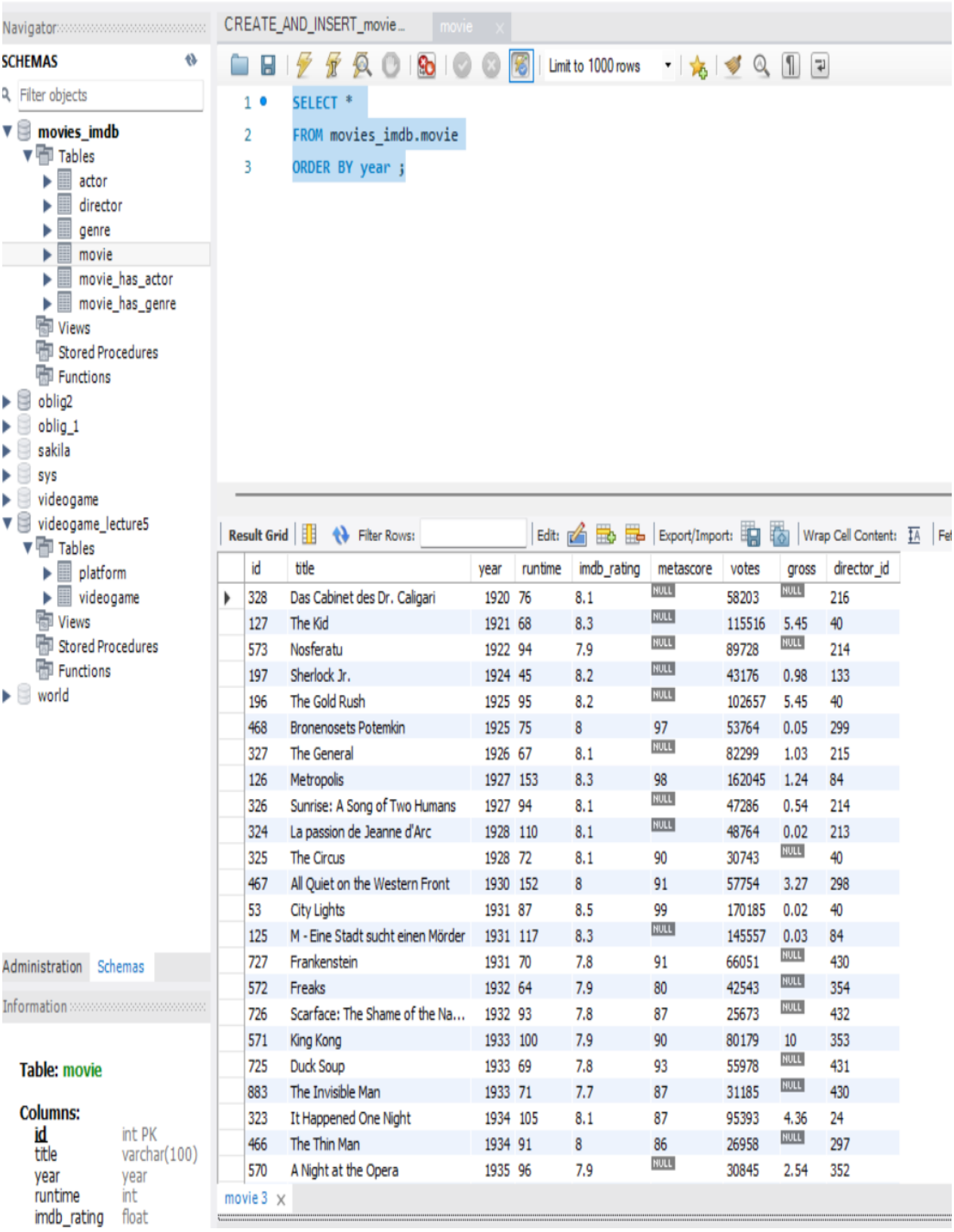
A. Hent ut alle filmene sortert på 'year'

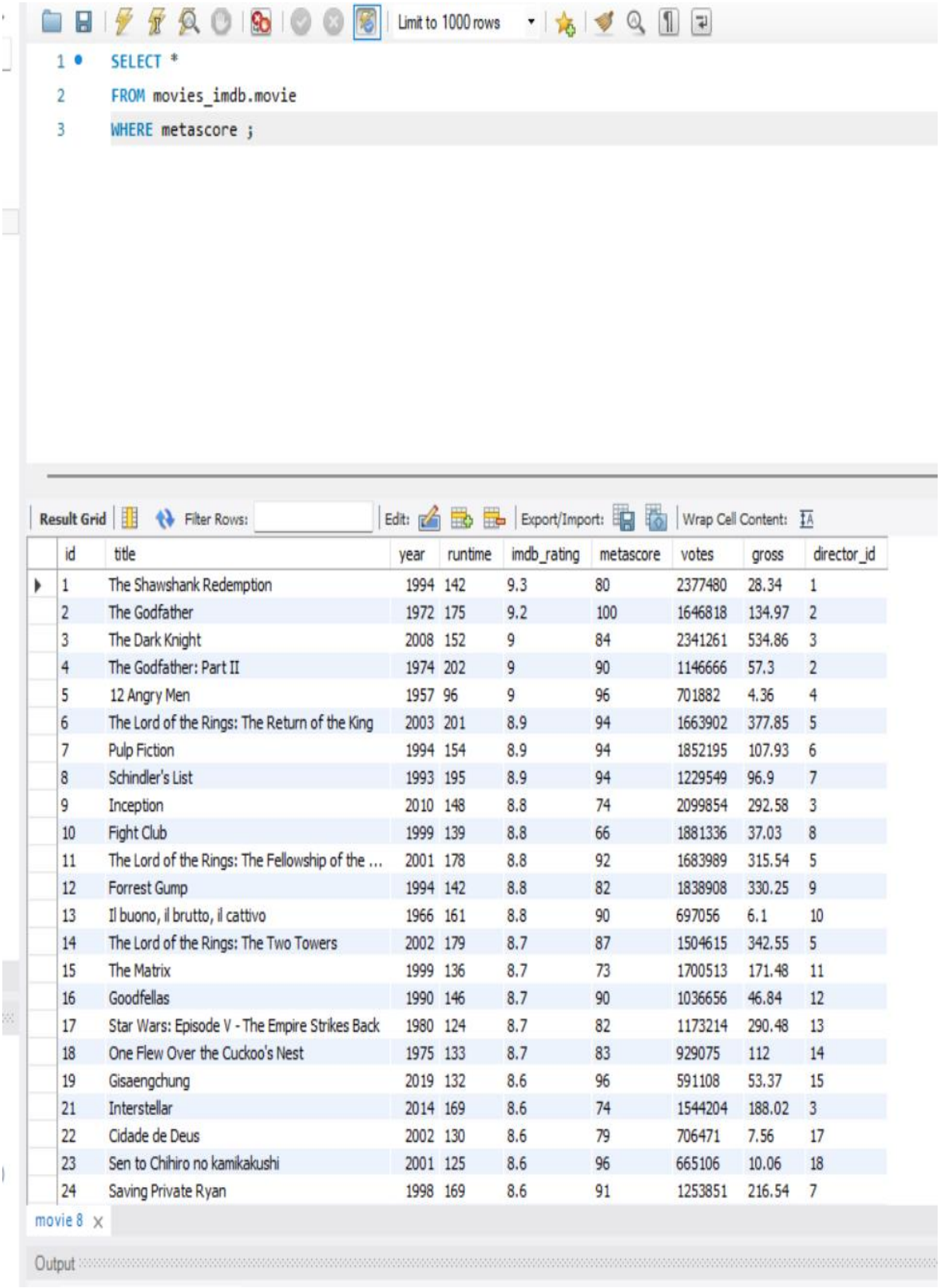
```
B. SELECT *
C. FROM movies_imdb.movie
D. ORDER BY year ;
```



id	title	year	runtime	imdb_rating	metascore	votes	gross	director_id
328	Das Cabinet des Dr. Caligari	1920	76	8.1	NULL	58203	NULL	216
127	The Kid	1921	68	8.3	NULL	115516	5.45	40
573	Nosferatu	1922	94	7.9	NULL	89728	NULL	214
197	Sherlock Jr.	1924	45	8.2	NULL	43176	0.98	133
196	The Gold Rush	1925	95	8.2	NULL	102657	5.45	40
468	Bronenosets Potemkin	1925	75	8	97	53764	0.05	299
327	The General	1926	67	8.1	NULL	82299	1.03	215
126	Metropolis	1927	153	8.3	98	162045	1.24	84
326	Sunrise: A Song of Two Humans	1927	94	8.1	NULL	47286	0.54	214
324	La passion de Jeanne d'Arc	1928	110	8.1	NULL	48764	0.02	213
325	The Circus	1928	72	8.1	90	30743	NULL	40
467	All Quiet on the Western Front	1930	152	8	91	57754	3.27	298
53	City Lights	1931	87	8.5	99	170185	0.02	40
125	M - Eine Stadt sucht einen Mörder	1931	117	8.3	NULL	145557	0.03	84
727	Frankenstein	1931	70	7.8	91	66051	NULL	430
572	Freaks	1932	64	7.9	80	42543	NULL	354
726	Scarface: The Shame of the Na...	1932	93	7.8	87	25673	NULL	432
571	King Kong	1933	100	7.9	90	80179	10	353
725	Duck Soup	1933	69	7.8	93	55978	NULL	431
883	The Invisible Man	1933	71	7.7	87	31185	NULL	430
323	It Happened One Night	1934	105	8.1	87	95393	4.36	24
466	The Thin Man	1934	91	8	86	26958	NULL	297
570	A Night at the Opera	1935	96	7.9	NULL	30845	2.54	352

B. Hent ut alle filmene som *har* en metascore.

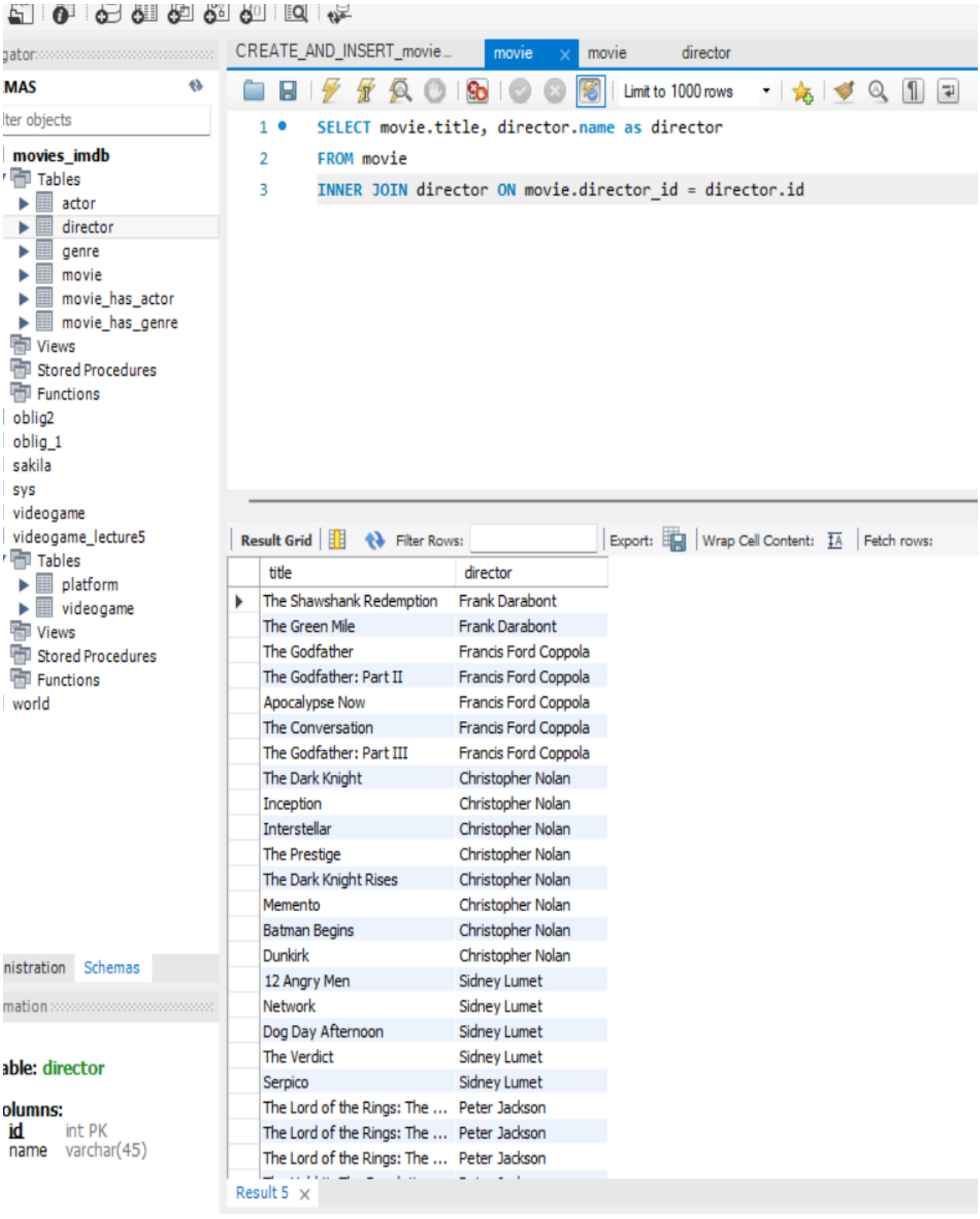
```
SELECT *
FROM movies_imdb.movie
WHERE metascore ;
```



id	title	year	runtime	imdb_rating	metascore	votes	gross	director_id
1	The Shawshank Redemption	1994	142	9.3	80	2377480	28.34	1
2	The Godfather	1972	175	9.2	100	1646818	134.97	2
3	The Dark Knight	2008	152	9	84	2341261	534.86	3
4	The Godfather: Part II	1974	202	9	90	1146666	57.3	2
5	12 Angry Men	1957	96	9	96	701882	4.36	4
6	The Lord of the Rings: The Return of the King	2003	201	8.9	94	1663902	377.85	5
7	Pulp Fiction	1994	154	8.9	94	1852195	107.93	6
8	Schindler's List	1993	195	8.9	94	1229549	96.9	7
9	Inception	2010	148	8.8	74	2099854	292.58	3
10	Fight Club	1999	139	8.8	66	1881336	37.03	8
11	The Lord of the Rings: The Fellowship of the ...	2001	178	8.8	92	1683989	315.54	5
12	Forrest Gump	1994	142	8.8	82	1838908	330.25	9
13	Il buono, il brutto, il cattivo	1966	161	8.8	90	697056	6.1	10
14	The Lord of the Rings: The Two Towers	2002	179	8.7	87	1504615	342.55	5
15	The Matrix	1999	136	8.7	73	1700513	171.48	11
16	Goodfellas	1990	146	8.7	90	1036656	46.84	12
17	Star Wars: Episode V - The Empire Strikes Back	1980	124	8.7	82	1173214	290.48	13
18	One Flew Over the Cuckoo's Nest	1975	133	8.7	83	929075	112	14
19	Gisaengchung	2019	132	8.6	96	591108	53.37	15
21	Interstellar	2014	169	8.6	74	1544204	188.02	3
22	Cidade de Deus	2002	130	8.6	79	706471	7.56	17
23	Sen to Chihiro no kamikakushi	2001	125	8.6	96	665106	10.06	18
24	Saving Private Ryan	1998	169	8.6	91	1253851	216.54	7

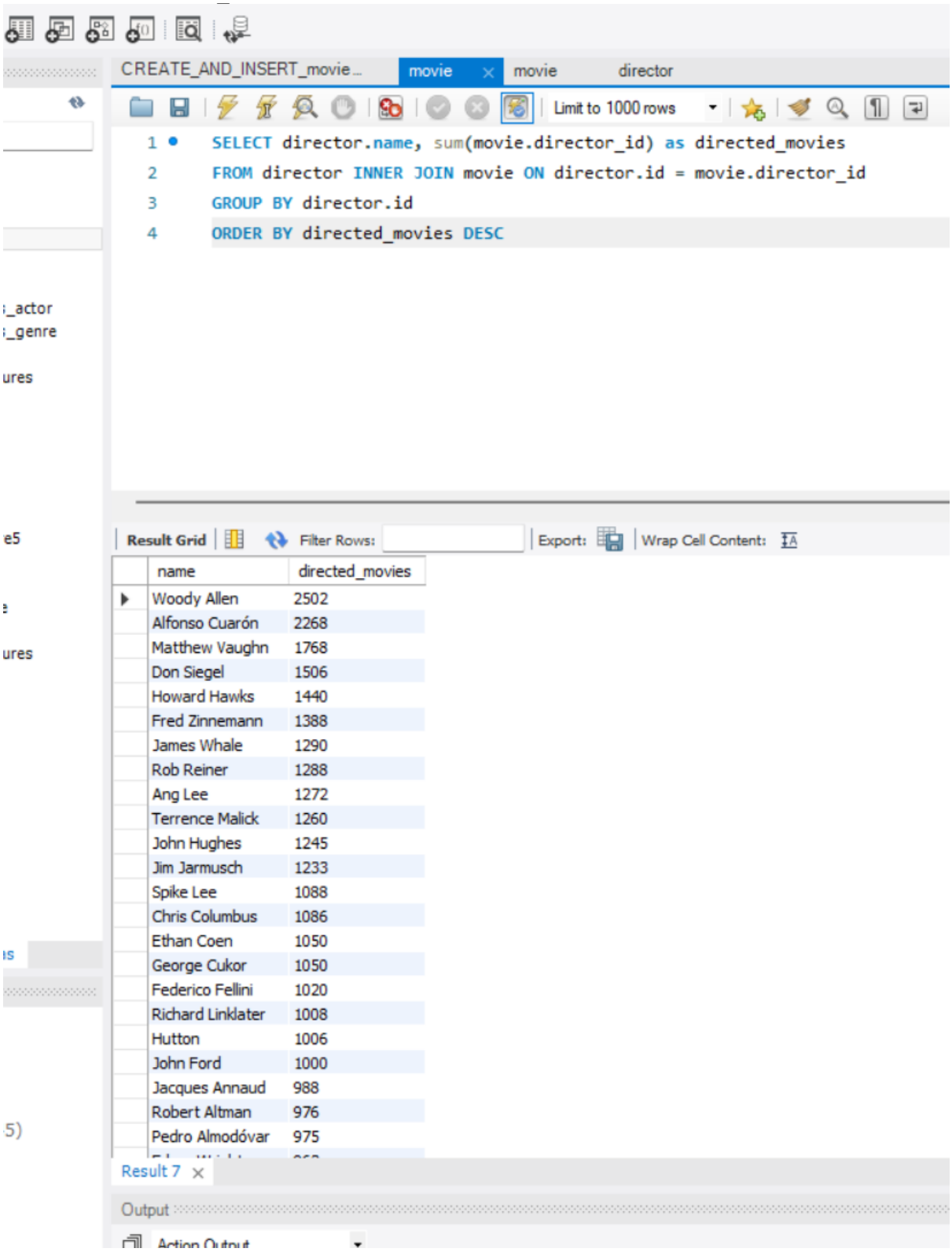
C. Hent ut filmer og hvem som har regissert filmen (director)

```
SELECT movie.title, director.name as director
FROM movie
INNER JOIN director ON movie.director_id = director.id
```



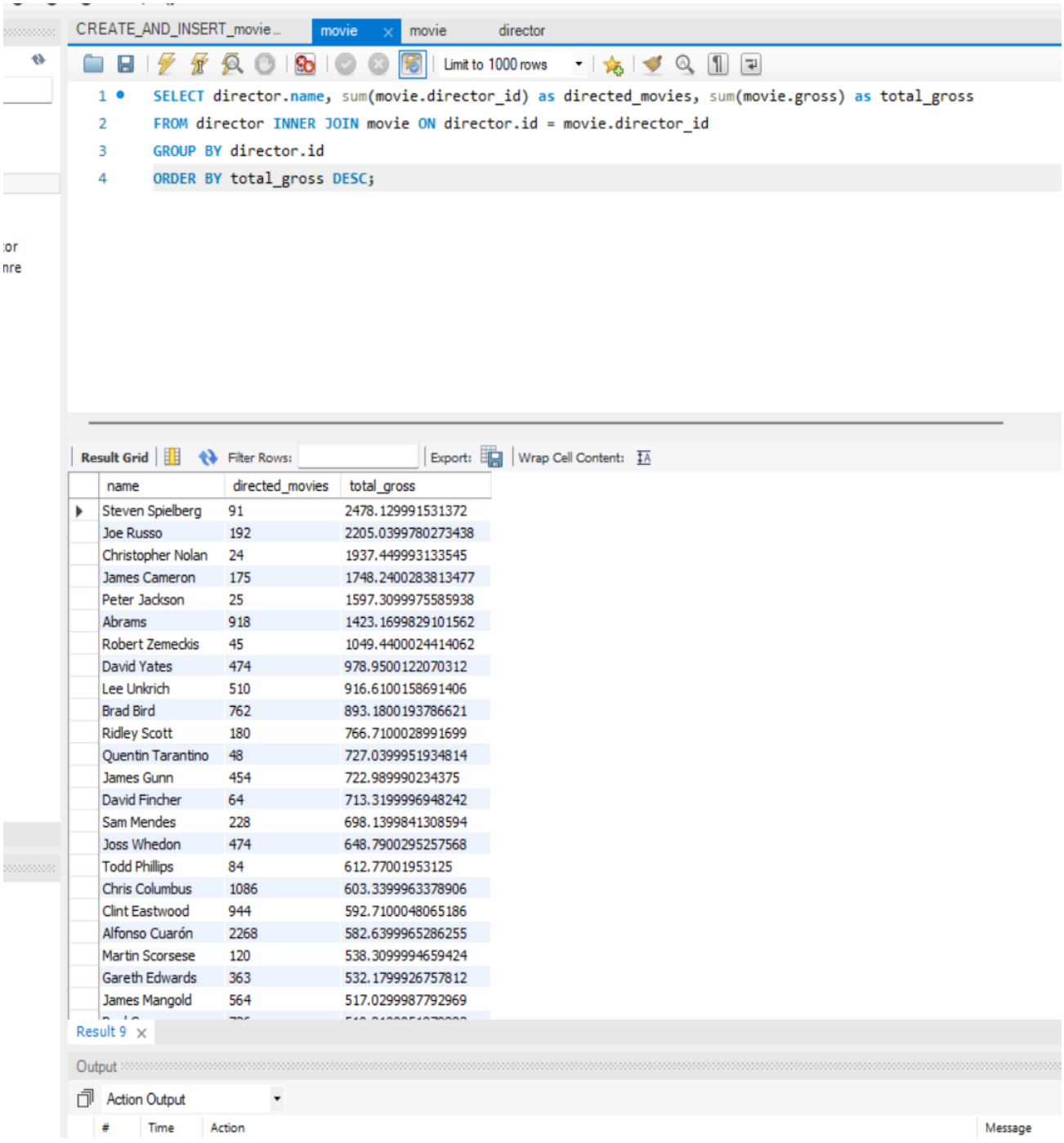
D. Hent navnet og antallet filmer en regissør har regissert, sortert synkende på antallet

```
SELECT director.name, sum(movie.director_id) as directed_movies
FROM director INNER JOIN movie ON director.id = movie.director_id
GROUP BY director.id
ORDER BY directed_movies DESC
```



E. Hent navnet og antallet filmer en regissør har regissert, samt totalinntekten (gross) for disse filmene, sortert synkende på inntekten

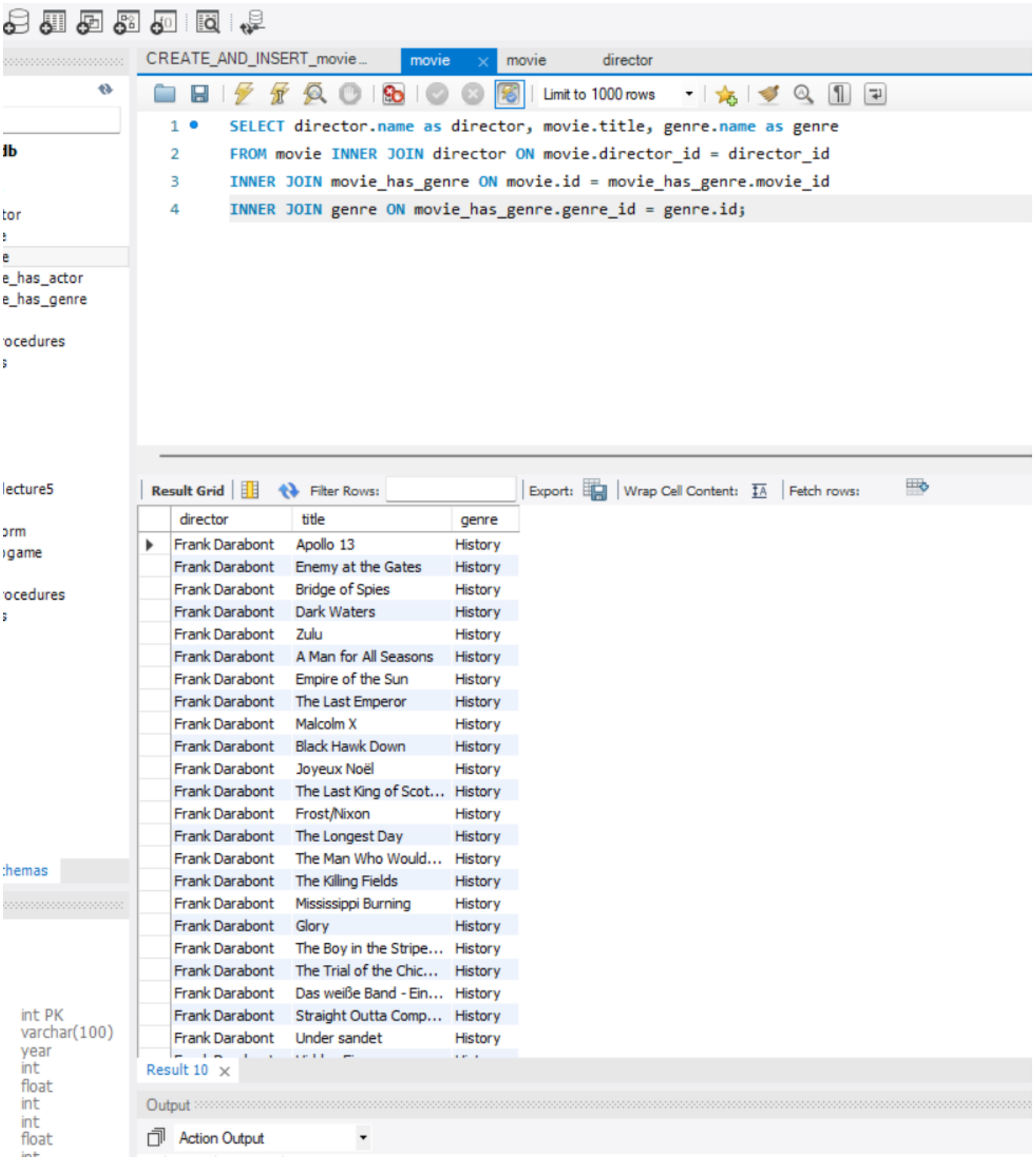
```
SELECT director.name, sum(movie.director_id) as directed_movies,
sum(movie.gross) as total_gross
FROM director INNER JOIN movie ON director.id = movie.director_id
GROUP BY director.id
ORDER BY total_gross DESC;
```



name	directed_movies	total_gross
Steven Spielberg	91	2478.129991531372
Joe Russo	192	2205.0399780273438
Christopher Nolan	24	1937.449993133545
James Cameron	175	1748.2400283813477
Peter Jackson	25	1597.3099975585938
Abrams	918	1423.1699829101562
Robert Zemeckis	45	1049.4400024414062
David Yates	474	978.9500122070312
Lee Unkrich	510	916.6100158691406
Brad Bird	762	893.1800193786621
Ridley Scott	180	766.7100028991699
Quentin Tarantino	48	727.0399951934814
James Gunn	454	722.989990234375
David Fincher	64	713.3199996948242
Sam Mendes	228	698.1399841308594
Joss Whedon	474	648.7900295257568
Todd Phillips	84	612.77001953125
Chris Columbus	1086	603.3399963378906
Clint Eastwood	944	592.7100048065186
Alfonso Cuarón	2268	582.6399965286255
Martin Scorsese	120	538.3099994659424
Gareth Edwards	363	532.1799926757812
James Mangold	564	517.0299987792969

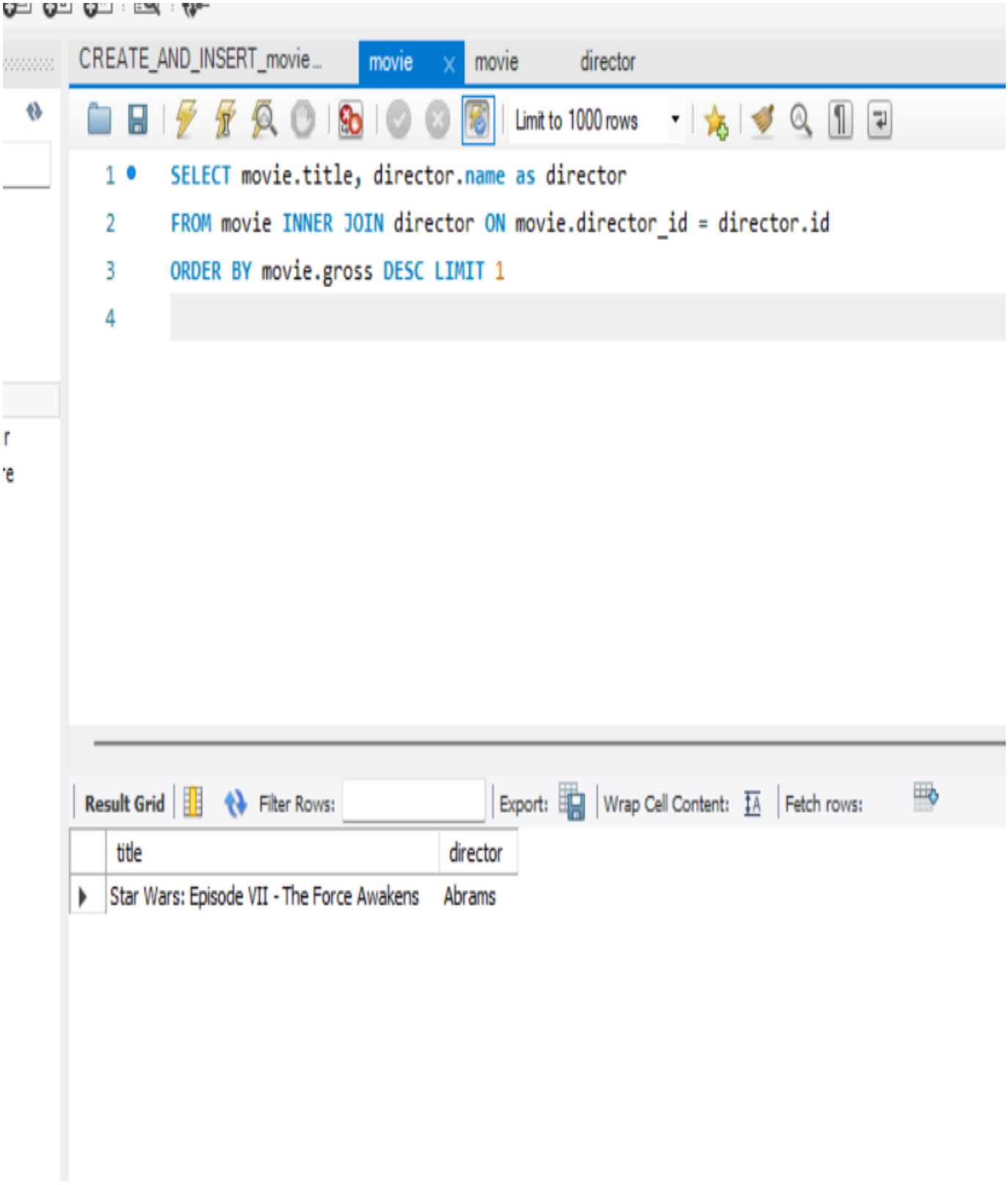
F. Download all films, as well as associated director and genre (genre)

```
SELECT director.name as director, movie.title, genre.name as genre
FROM movie INNER JOIN director ON movie.director_id = director_id
INNER JOIN movie_has_genre ON movie.id = movie_has_genre.movie_id
INNER JOIN genre ON movie_has_genre.genre_id = genre.id;
```



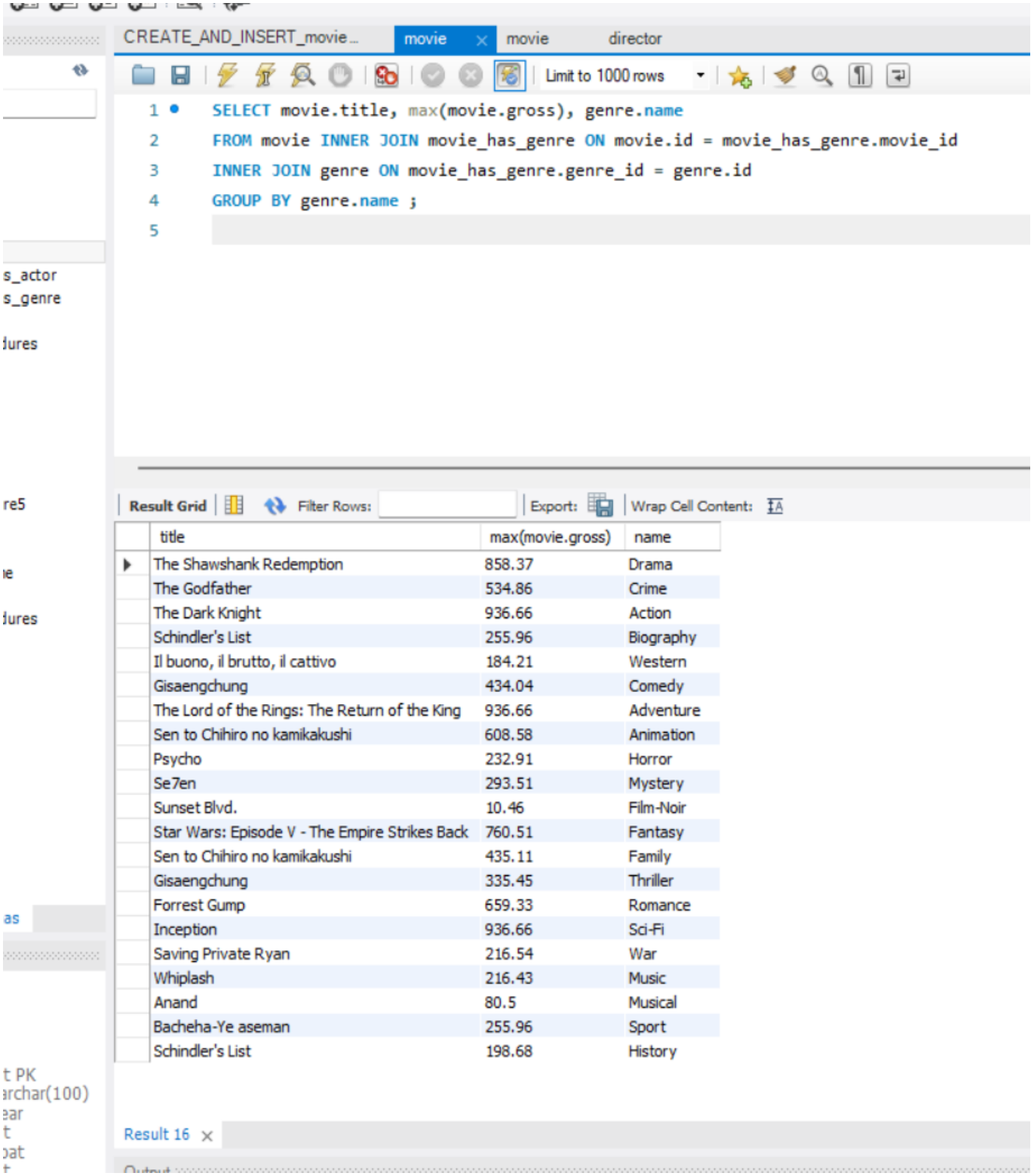
G. Hent ut film og regissør for den filmen som har gitt høyest inntekt

```
SELECT movie.title, director.name as director
FROM movie INNER JOIN director ON movie.director_id = director.id
ORDER BY movie.gross DESC LIMIT 1;
```



H. Hent ut filmer med høyest inntekt for hver sjanger

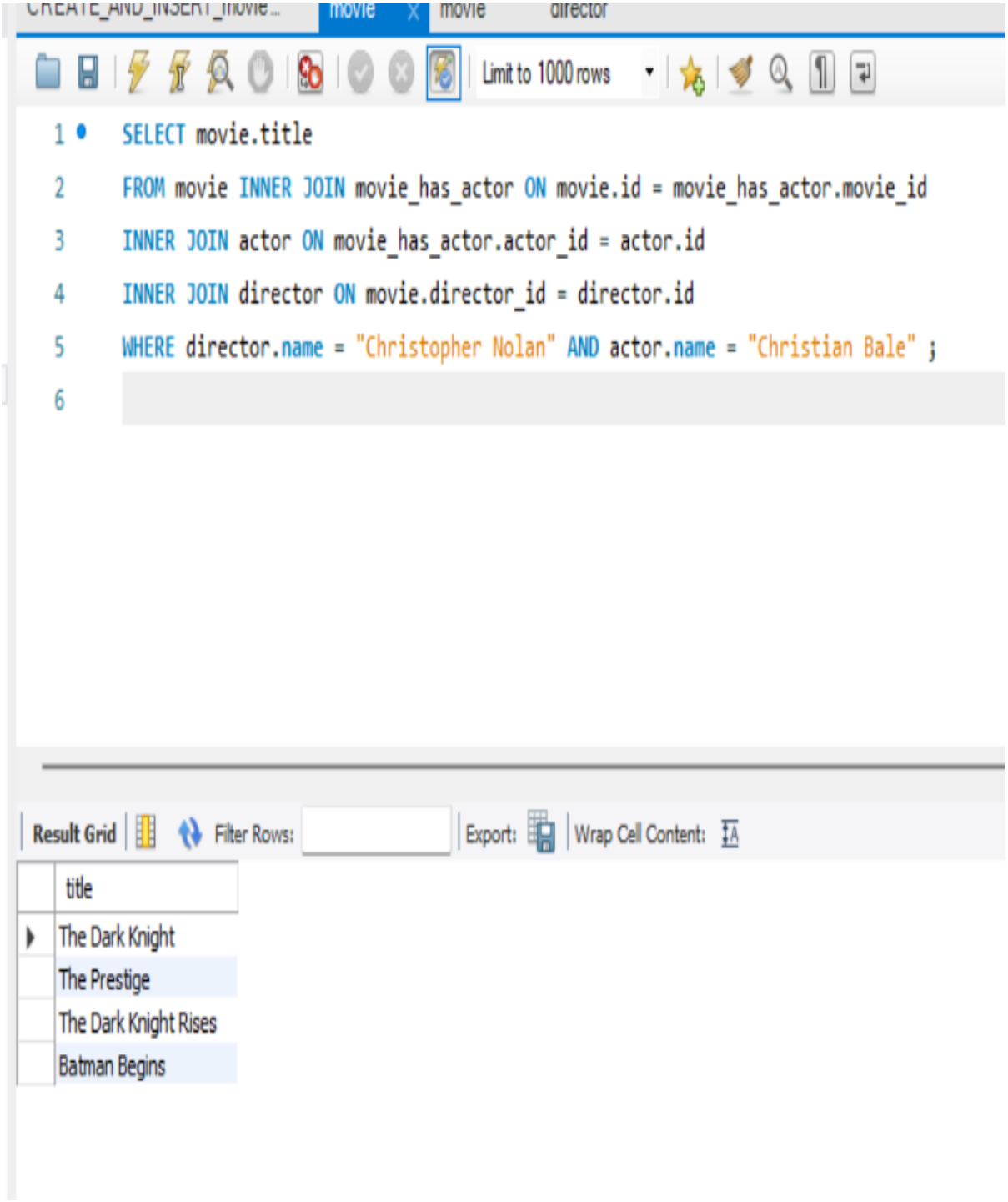
```
SELECT movie.title, max(movie.gross), genre.name
FROM movie INNER JOIN movie_has_genre ON movie.id =
movie_has_genre.movie_id
INNER JOIN genre ON movie_has_genre.genre_id = genre.id
GROUP BY genre.name ;
```



title	max(movie.gross)	name
The Shawshank Redemption	858.37	Drama
The Godfather	534.86	Crime
The Dark Knight	936.66	Action
Schindler's List	255.96	Biography
Il buono, il brutto, il cattivo	184.21	Western
Gisaengchung	434.04	Comedy
The Lord of the Rings: The Return of the King	936.66	Adventure
Sen to Chihiro no kamikakushi	608.58	Animation
Psycho	232.91	Horror
Se7en	293.51	Mystery
Sunset Blvd.	10.46	Film-Noir
Star Wars: Episode V - The Empire Strikes Back	760.51	Fantasy
Sen to Chihiro no kamikakushi	435.11	Family
Gisaengchung	335.45	Thriller
Forrest Gump	659.33	Romance
Inception	936.66	Sci-Fi
Saving Private Ryan	216.54	War
Whiplash	216.43	Music
Anand	80.5	Musical
Bacheha-Ye aseman	255.96	Sport
Schindler's List	198.68	History

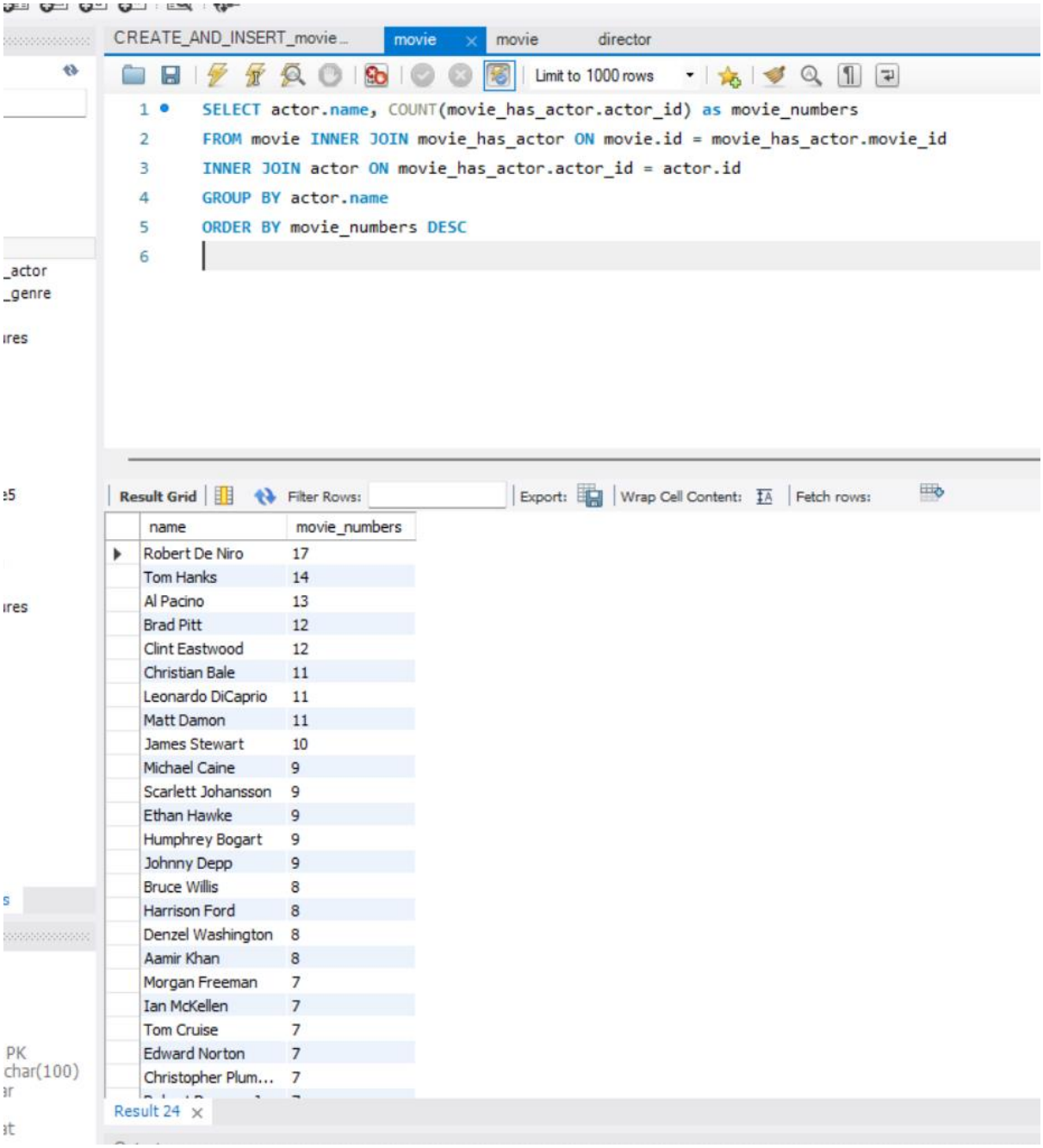
I. Hent ut hvilke filmer Christopher Nolan har regissert, som også Christian Bale har spilt i

```
SELECT movie.title
FROM movie INNER JOIN movie_has_actor ON movie.id =
movie_has_actor.movie_id
INNER JOIN actor ON movie_has_actor.actor_id = actor.id
INNER JOIN director ON movie.director_id = director.id
WHERE director.name = "Christopher Nolan" AND actor.name = "Christian
Bale";
```



J. Hent ut skuespillerne og antallet filmer de har spilt i, sortert synkende på antallet

```
SELECT actor.name, COUNT(movie_has_actor.actor_id) as movie_numbers
FROM movie INNER JOIN movie_has_actor ON movie.id =
movie_has_actor.movie_id
INNER JOIN actor ON movie_has_actor.actor_id = actor.id
GROUP BY actor.name
ORDER BY movie_numbers DESC
```



name	movie_numbers
Robert De Niro	17
Tom Hanks	14
Al Pacino	13
Brad Pitt	12
Clint Eastwood	12
Christian Bale	11
Leonardo DiCaprio	11
Matt Damon	11
James Stewart	10
Michael Caine	9
Scarlett Johansson	9
Ethan Hawke	9
Humphrey Bogart	9
Johnny Depp	9
Bruce Willis	8
Harrison Ford	8
Denzel Washington	8
Aamir Khan	8
Morgan Freeman	7
Ian McKellen	7
Tom Cruise	7
Edward Norton	7
Christopher Plum...	7