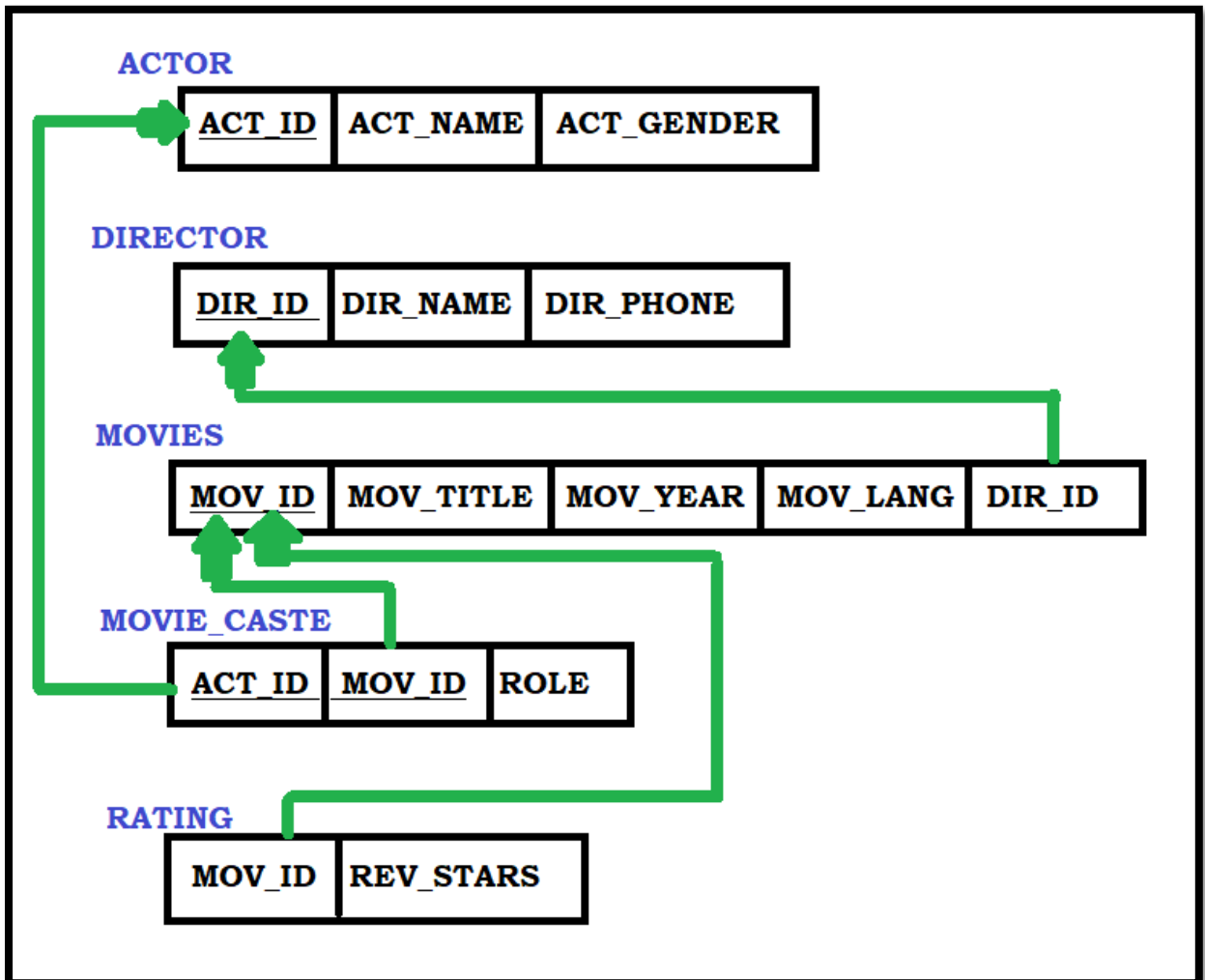
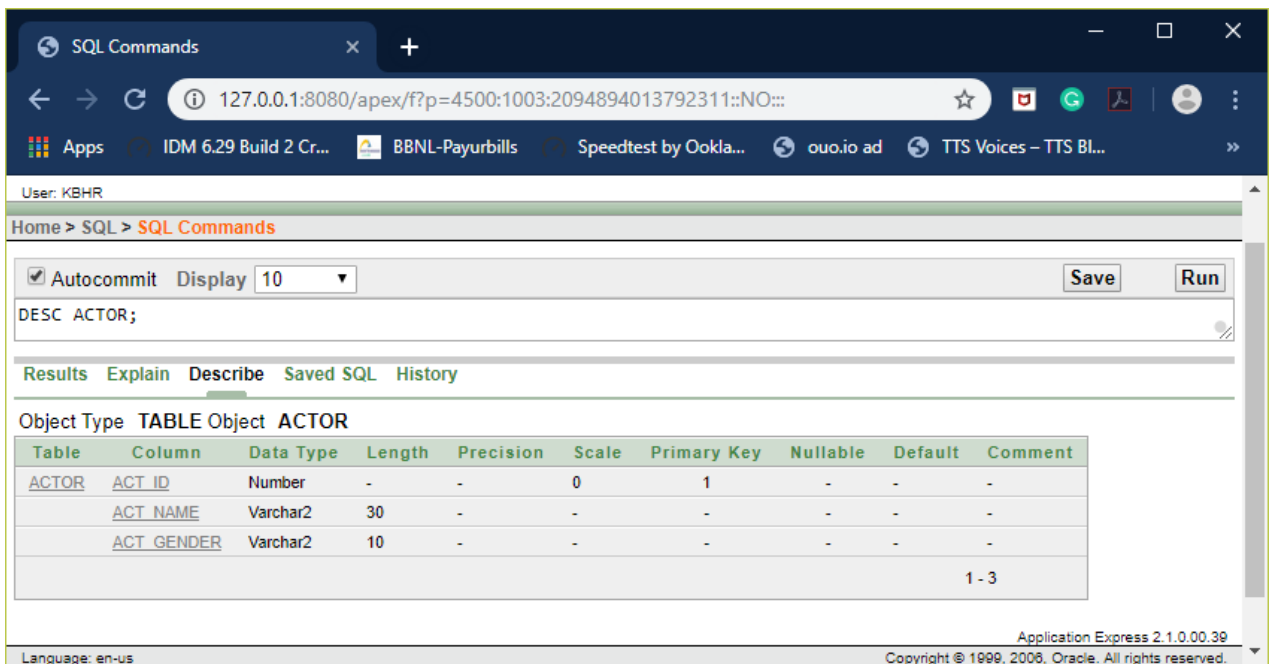
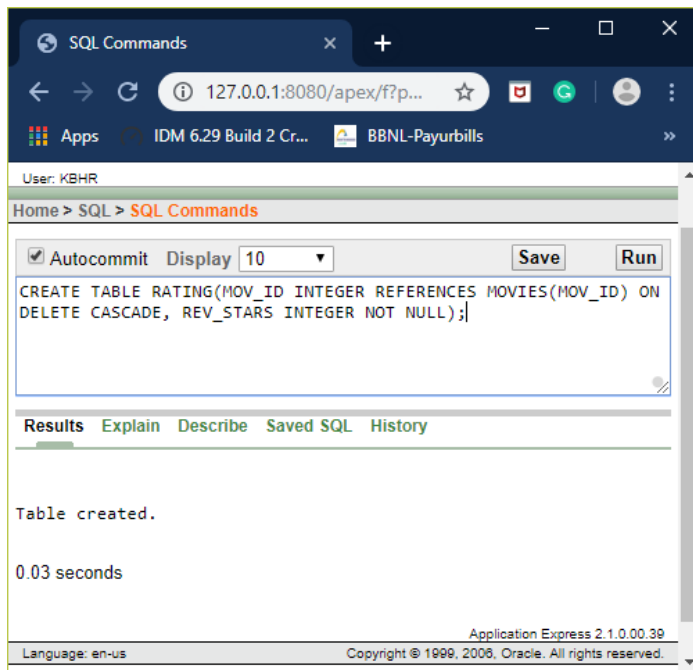
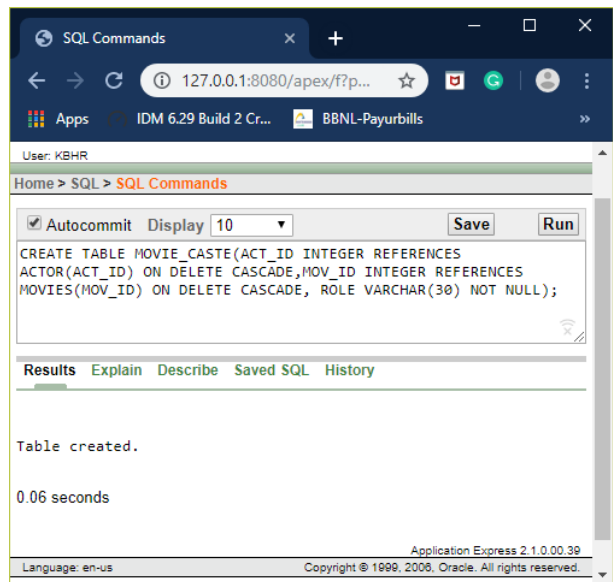
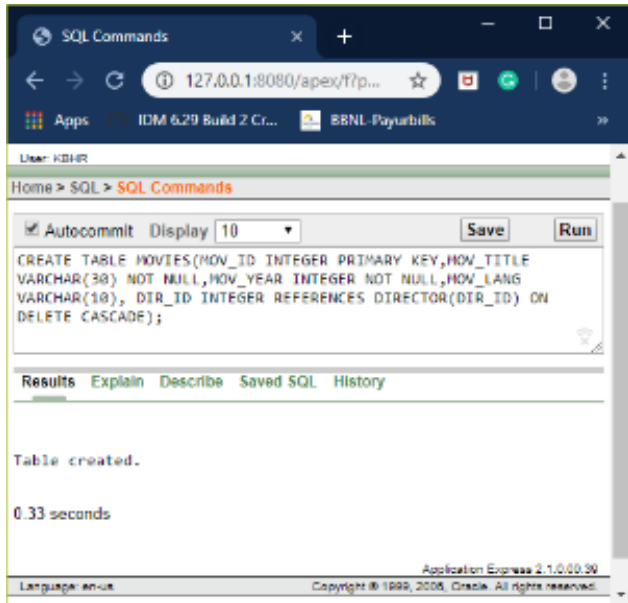


Program - 3



```
SQL Commands
127.0.0.1:8080/apex/f?p...
User: KBHR
Home > SQL > SQL Commands
Autocommit Display 10 Save Run
CREATE TABLE ACTOR(ACT_ID INTEGER PRIMARY KEY, ACT_NAME
VARCHAR(30) NOT NULL, ACT_GENDER VARCHAR(10) NOT NULL);
Results Explain Describe Saved SQL History
Table created.
0.47 seconds
Application Express 2.1.0.00.39
Language: en-us Copyright © 1999, 2006, Oracle. All rights reserved.
```

```
SQL Commands
127.0.0.1:8080/apex/f?p...
User: KBHR
Home > SQL > SQL Commands
Autocommit Display 10 Save Run
CREATE TABLE DIRECTOR(DIR_ID INTEGER PRIMARY KEY, DIR_NAME
VARCHAR(30) NOT NULL, DIR_PHONE INTEGER);
Results Explain Describe Saved SQL History
Table created.
0.03 seconds
Application Express 2.1.0.00.39
Language: en-us Copyright © 1999, 2006, Oracle. All rights reserved.
```



SQL Commands

127.0.0.1:8080/apex/f?p=4500:1003:2094894013792311::NO::

User: KBHR

Home > SQL > SQL Commands

Autocommit Display 10 Save Run

DESC DIRECTOR;

Results Explain Describe Saved SQL History

Object Type TABLE Object DIRECTOR

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
DIRECTOR	DIR_ID	Number	-	-	0	1	-	-	-
	DIR_NAME	Varchar2	30	-	-	-	-	-	-
	DIR_PHONE	Number	-	-	0	-	✓	-	-
									1 - 3

Application Express 2.1.0.00.39
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SQL Commands

127.0.0.1:8080/apex/f?p=4500:1003:2094894013792311::NO::

User: KBHR

Home > SQL > SQL Commands

Autocommit Display 10 Save Run

DESC MOVIES;

Results Explain Describe Saved SQL History

Object Type TABLE Object MOVIES

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
MOVIES	MOV_ID	Number	-	-	0	1	-	-	-
	MOV_TITLE	Varchar2	30	-	-	-	-	-	-
	MOV_YEAR	Number	-	-	0	-	-	-	-
	MOV_LANG	Varchar2	10	-	-	-	✓	-	-
	DIR_ID	Number	-	-	0	-	✓	-	-
									1 - 5

Application Express 2.1.0.00.39

SQL Commands

127.0.0.1:8080/apex/f?p=4500:1003:2094894013792311::NO::

User: KBHR

Home > SQL > SQL Commands

Autocommit Display 10 Save Run

DESC MOVIE_CASTE;

Results Explain Describe Saved SQL History

Object Type TABLE Object MOVIE_CASTE

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
MOVIE_CASTE	ACT_ID	Number	-	-	0	-	✓	-	-
	MOV_ID	Number	-	-	0	-	✓	-	-
	ROLE	Varchar2	30	-	-	-	-	-	-
									1 - 3

Application Express 2.1.0.00.39
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The screenshot shows the Oracle Database Express Edition SQL Commands interface. The user is 'KBHR'. The command entered is 'DESC RATING;'. The results show the structure of the 'RATING' table:

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
RATING	MOV_ID	Number	-	-	0	-	✓	-	-
	REV_STARS	Number	-	-	0	-	-	-	-
									1 - 2

Application Express 2.1.0.00.39
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The screenshot shows the Oracle Database Express Edition SQL Commands interface. The user is 'KBHR'. The command entered is 'INSERT INTO ACTOR VALUES(1001, 'PRABHAS', 'MALE');'. The results show:

1 row(s) inserted.
0.12 seconds

The screenshot shows the Oracle Database Express Edition SQL Commands interface. The user is 'KBHR'. The command entered is 'INSERT INTO DIRECTOR VALUES(2001, 'HITCHCOCK', '9639639630');'. The results show:

1 row(s) inserted.
0.01 seconds

The screenshot shows the Oracle Database Express Edition SQL Commands interface. The user is 'KBHR'. The command entered is 'INSERT INTO MOVIES VALUES(3001, 'BAHUBALI', 2014, 'HINDI', 2003);'. The results show:

1 row(s) inserted.
0.00 seconds

The screenshot shows the Oracle Database Express Edition SQL Commands interface. The user is 'KBHR'. The command entered is 'INSERT INTO MOVIE_CASTE VALUES(1001, 3001, 'HERO');'. The results show:

1 row(s) inserted.
0.01 seconds

Oracle Database Express Edition interface showing the execution of an SQL command. The command is: `INSERT INTO RATING VALUES(3001,'8');`. The results show 1 row(s) inserted in 0.00 seconds.

Oracle Database Express Edition interface showing the execution of an SQL command. The command is: `SELECT * FROM ACTOR;`. The results show 5 rows returned in 0.34 seconds.

ACT_ID	ACT_NAME	ACT_GENDER
1001	PRABHAS	MALE
1002	RAJKUMAR	MALE
1003	SNEHA	FEMALE
1004	AISHWARAYA	FEMALE
1005	RITHIK	MALE

Oracle Database Express Edition interface showing the execution of an SQL command. The command is: `SELECT * FROM DIRECTOR;`. The results show 5 rows returned in 0.03 seconds.

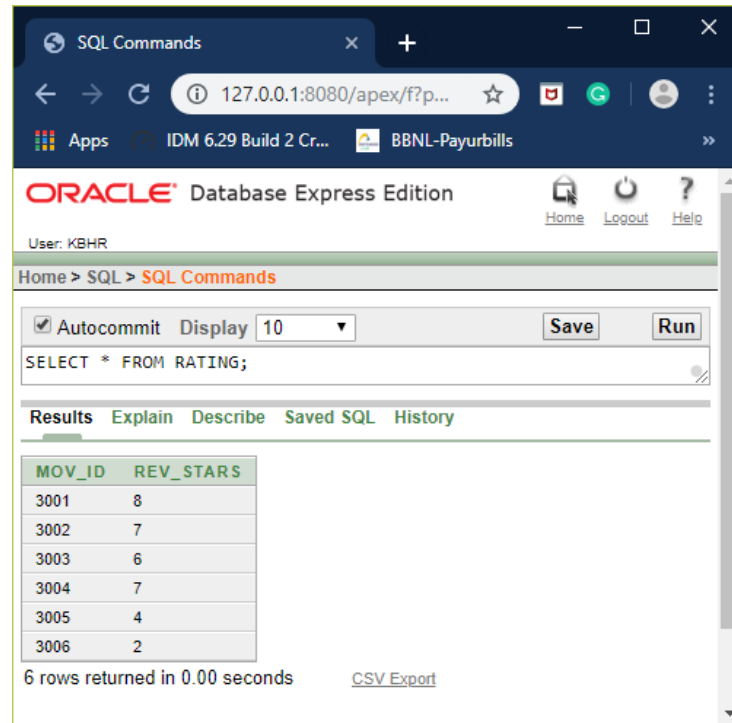
DIR_ID	DIR_NAME	DIR_PHONE
2001	HITCHCOCK	9639639630
2002	STEVEN SPIELBERG	8887779991
2003	RAJMOULI	9995556662
2004	ATLEE	9874569874
2005	HEMANTH	9874555780

Oracle Database Express Edition interface showing the execution of an SQL command. The command is: `SELECT * FROM MOVIES;`. The results show 6 rows returned in 0.00 seconds.

MOV_ID	MOV_TITLE	MOV_YEAR	MOV_LANG	DIR_ID
3001	BAHUBALI	2014	HINDI	2003
3002	BAHUBALI	2014	TELUGU	2003
3003	BAHUBALI 2	2016	HINDI	2003
3004	BAHUBALI 2	2016	TELUGU	2003
3005	BABY DRIVER	1999	ENGLISH	2001
3006	TERMINATOR	2000	ENGLISH	2002

Oracle Database Express Edition interface showing the execution of an SQL command. The command is: `SELECT * FROM MOVIE_CASTE;`. The results show 10 rows returned in 0.00 seconds.

ACT_ID	MOV_ID	ROLE
1001	3001	HERO
1001	3002	HERO
1001	3003	HERO
1001	3004	HERO
1003	3001	HEROINE
1003	3002	HEROINE
1004	3001	HEROINE
1004	3002	HEROINE
1001	3005	HERO
1001	3006	HERO



SQL Commands

127.0.0.1:8080/apex/f?p...

ORACLE Database Express Edition

User: KBHR

Home > SQL > SQL Commands

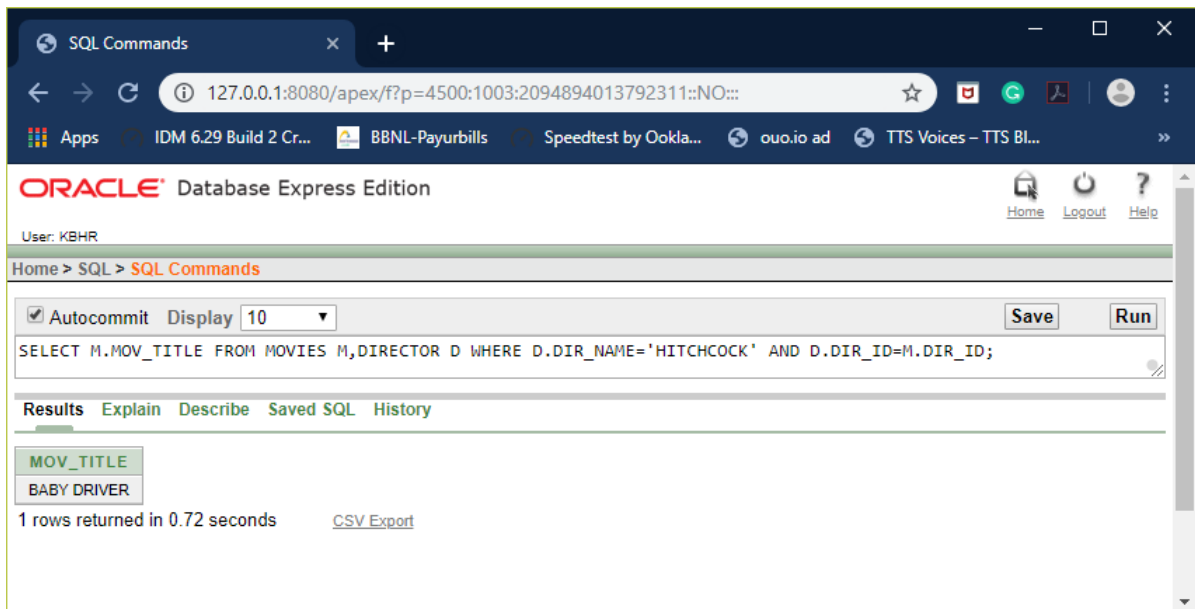
Autocommit Display 10 Save Run

```
SELECT * FROM RATING;
```

Results Explain Describe Saved SQL History

MOV_ID	REV_STARS
3001	8
3002	7
3003	6
3004	7
3005	4
3006	2

6 rows returned in 0.00 seconds [CSV Export](#)



SQL Commands

127.0.0.1:8080/apex/f?p=4500:1003:2094894013792311::NO::

ORACLE Database Express Edition

User: KBHR

Home > SQL > SQL Commands

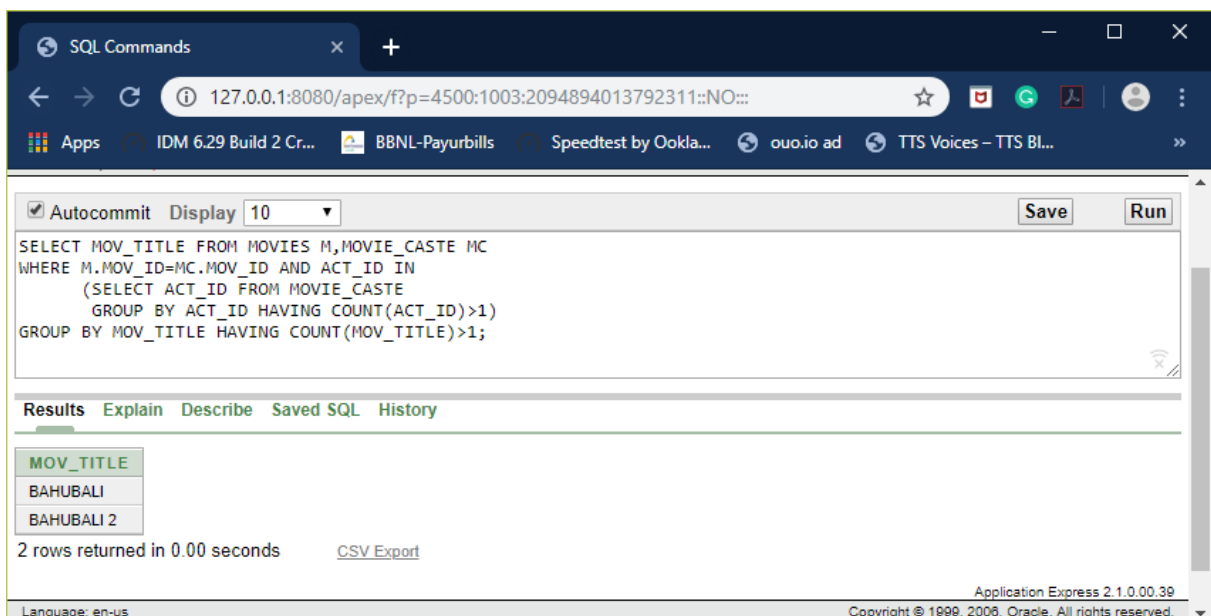
Autocommit Display 10 Save Run

```
SELECT M.MOV_TITLE FROM MOVIES M, DIRECTOR D WHERE D.DIR_NAME='HITCHCOCK' AND D.DIR_ID=M.DIR_ID;
```

Results Explain Describe Saved SQL History

MOV_TITLE
BABY DRIVER

1 rows returned in 0.72 seconds [CSV Export](#)



SQL Commands

127.0.0.1:8080/apex/f?p=4500:1003:2094894013792311::NO::

ORACLE Database Express Edition

User: KBHR

Home > SQL > SQL Commands

Autocommit Display 10 Save Run

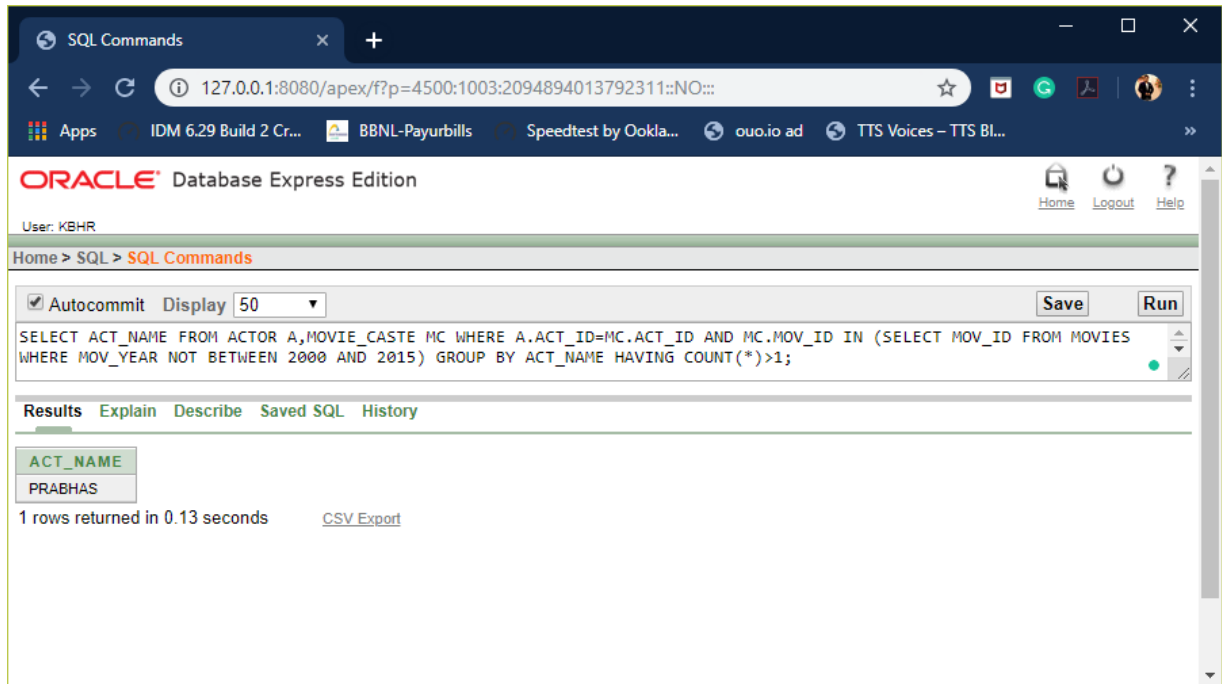
```
SELECT MOV_TITLE FROM MOVIES M, MOVIE_CASTE MC  
WHERE M.MOV_ID=MC.MOV_ID AND ACT_ID IN  
(SELECT ACT_ID FROM MOVIE_CASTE  
GROUP BY ACT_ID HAVING COUNT(ACT_ID)>1)  
GROUP BY MOV_TITLE HAVING COUNT(MOV_TITLE)>1;
```

Results Explain Describe Saved SQL History

MOV_TITLE
BAHUBALI
BAHUBALI 2

2 rows returned in 0.00 seconds [CSV Export](#)

Application Express 2.1.0.00.39
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SQL Commands

127.0.0.1:8080/apex/f?p=4500:1003:2094894013792311::NO::

ORACLE Database Express Edition

User: KBHR

Home > SQL > SQL Commands

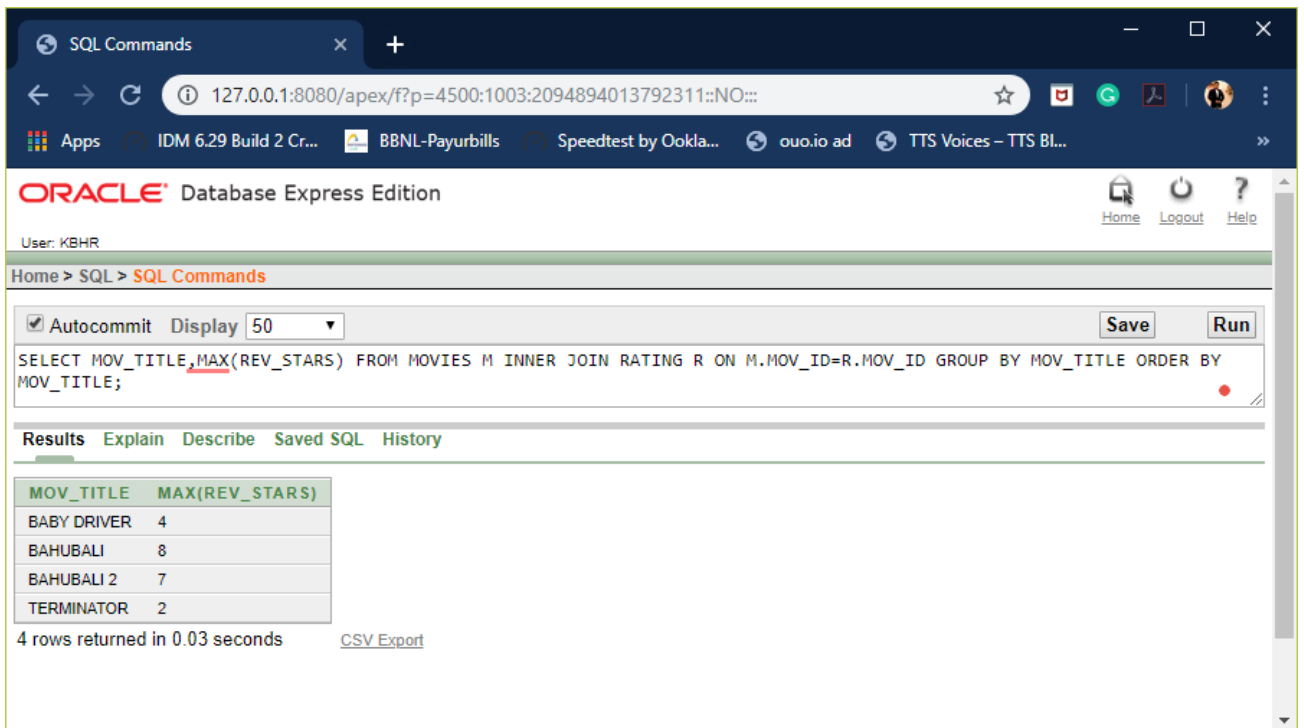
Autocommit Display 50 Save Run

```
SELECT ACT_NAME FROM ACTOR A,MOVIE_CASTE MC WHERE A.ACT_ID=MC.ACT_ID AND MC.MOV_ID IN (SELECT MOV_ID FROM MOVIES WHERE MOV_YEAR NOT BETWEEN 2000 AND 2015) GROUP BY ACT_NAME HAVING COUNT(*)>1;
```

Results Explain Describe Saved SQL History

ACT_NAME
PRABHAS

1 rows returned in 0.13 seconds [CSV Export](#)



SQL Commands

127.0.0.1:8080/apex/f?p=4500:1003:2094894013792311::NO::

ORACLE Database Express Edition

User: KBHR

Home > SQL > SQL Commands

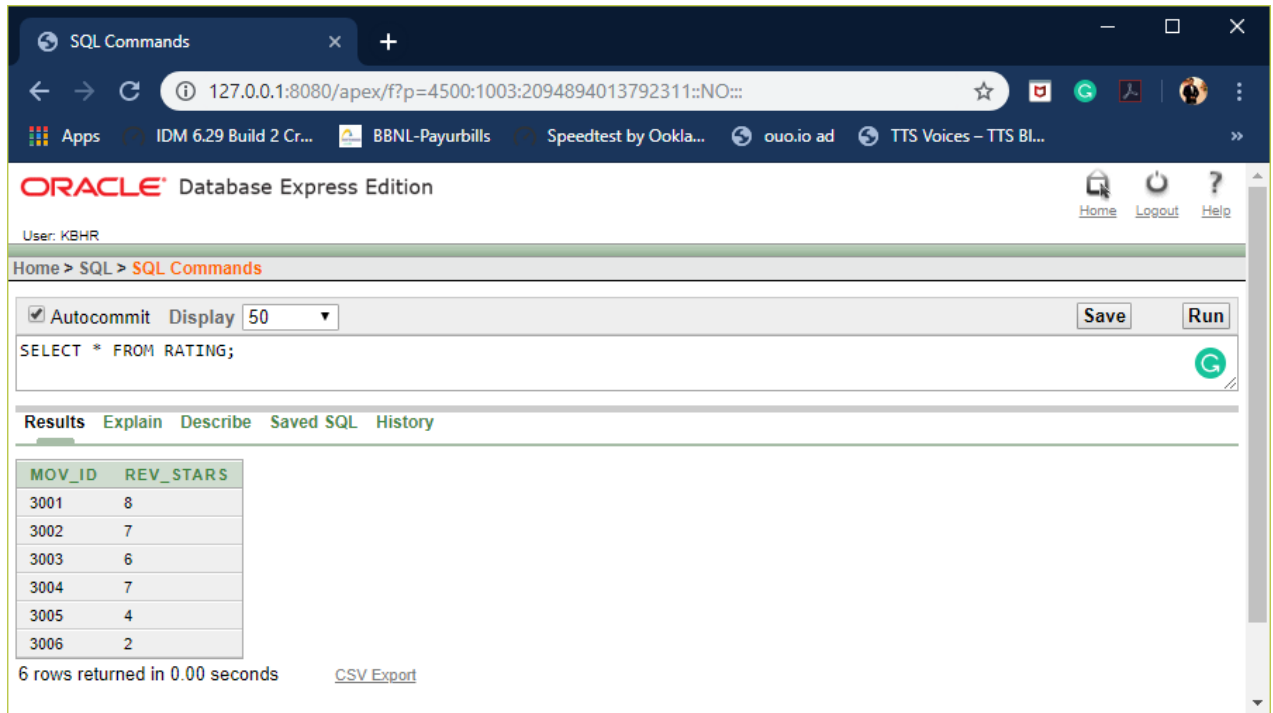
Autocommit Display 50 Save Run

```
SELECT MOV_TITLE,MAX(REV_STARS) FROM MOVIES M INNER JOIN RATING R ON M.MOV_ID=R.MOV_ID GROUP BY MOV_TITLE ORDER BY MOV_TITLE;
```

Results Explain Describe Saved SQL History

MOV_TITLE	MAX(REV_STARS)
BABY DRIVER	4
BAHUBALI	8
BAHUBALI 2	7
TERMINATOR	2

4 rows returned in 0.03 seconds [CSV Export](#)



SQL Commands

127.0.0.1:8080/apex/f?p=4500:1003:2094894013792311::NO::

ORACLE Database Express Edition

User: KBHR

Home > SQL > SQL Commands

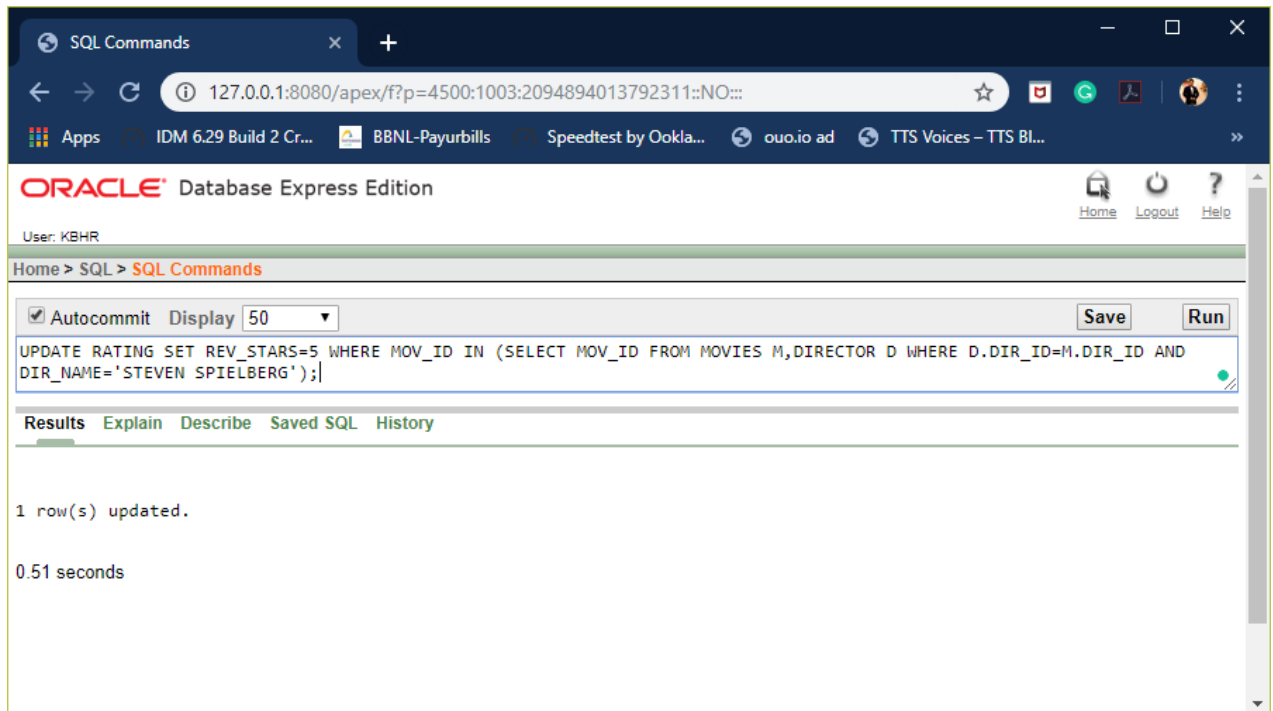
Autocommit Display 50 Save Run

```
SELECT * FROM RATING;
```

Results Explain Describe Saved SQL History

MOV_ID	REV_STARS
3001	8
3002	7
3003	6
3004	7
3005	4
3006	2

6 rows returned in 0.00 seconds [CSV Export](#)



SQL Commands

127.0.0.1:8080/apex/f?p=4500:1003:2094894013792311::NO::

ORACLE Database Express Edition

User: KBHR

Home > SQL > SQL Commands

Autocommit Display 50 Save Run

```
UPDATE RATING SET REV_STARS=5 WHERE MOV_ID IN (SELECT MOV_ID FROM MOVIES M, DIRECTOR D WHERE D.DIR_ID=M.DIR_ID AND DIR_NAME='STEVEN SPIELBERG');
```

Results Explain Describe Saved SQL History

1 row(s) updated.

0.51 seconds

The screenshot shows the Oracle Database Express Edition web interface. The browser address bar displays the URL `127.0.0.1:8080/apex/f?p=4500:1003:2094894013792311::NO::`. The page title is "ORACLE Database Express Edition" and the user is identified as "User: KBHR". The interface includes navigation links for "Home", "Logout", and "Help".

The "SQL Commands" section shows the following query entered in the text area:

```
SELECT * FROM RATING;
```

The "Results" section displays a table with the following data:

MOV_ID	REV_STARS
3001	8
3002	7
3003	6
3004	7
3005	4
3006	5

Below the table, it indicates "6 rows returned in 0.00 seconds" and provides a "CSV Export" link. The rows for MOV_ID 3005 and 3006 are highlighted with a yellow circle.

THE END
