

1. Find out the PG-13 rated comedy movies. DO NOT use the film_list table.

```
mysql> SELECT title, rating, name
      -> FROM film, film_category, category
      -> WHERE film.film_id=film_category.film_id
      -> AND film_category.category_id=category.category_id
      -> AND rating='PG-13'
      -> AND name='Comedy';
```

```
+-----+-----+-----+
| title          | rating | name  |
+-----+-----+-----+
| AIRPLANE SIERRA      | PG-13 | Comedy |
| ANTHEM LUKE         | PG-13 | Comedy |
| FLINTSTONES HAPPINESS | PG-13 | Comedy |
| FREEDOM CLEOPATRA   | PG-13 | Comedy |
| GROUNDHOG UNCUT     | PG-13 | Comedy |
| KNOCK WARLOCK       | PG-13 | Comedy |
| PARADISE SABRINA    | PG-13 | Comedy |
| PERFECT GROOVE      | PG-13 | Comedy |
| RUSHMORE MERMAID    | PG-13 | Comedy |
| SADDLE ANTITRUST     | PG-13 | Comedy |
| STRICTLY SCARFACE   | PG-13 | Comedy |
| TRAINSPOTTING STRANGERS | PG-13 | Comedy |
+-----+-----+-----+
12 rows in set (0.00 sec)
```

```
mysql> SELECT title, rating, name
      -> FROM film INNER JOIN film_category
      -> ON film.film_id=film_category.film_id INNER JOIN category
      -> ON film_category.category_id=category.category_id
      -> WHERE rating='PG-13'
      -> AND name='Comedy';
```

```
+-----+-----+-----+
| title          | rating | name  |
+-----+-----+-----+
| AIRPLANE SIERRA      | PG-13 | Comedy |
| ANTHEM LUKE         | PG-13 | Comedy |
| FLINTSTONES HAPPINESS | PG-13 | Comedy |
| FREEDOM CLEOPATRA   | PG-13 | Comedy |
| GROUNDHOG UNCUT     | PG-13 | Comedy |
| KNOCK WARLOCK       | PG-13 | Comedy |
| PARADISE SABRINA    | PG-13 | Comedy |
| PERFECT GROOVE      | PG-13 | Comedy |
```

RUSHMORE MERMAID	PG-13	Comedy
SADDLE ANTITRUST	PG-13	Comedy
STRICTLY SCARFACE	PG-13	Comedy
TRAINSPOTTING STRANGERS	PG-13	Comedy

+-----+-----+-----+

12 rows in set (0.01 sec)

2. Find out the top 3 rented horror movies.

```
mysql> SELECT title, category, count(rental_id) AS amount
FROM rental, inventory, film_list
WHERE rental.inventory_id=inventory.inventory_id
AND inventory.film_id=film_list.FID
AND category='Horror'
GROUP BY film_id
ORDER BY amount DESC
LIMIT 3;
```

+-----+-----+-----+

title	category	amount
PULP BEVERLY	Horror	30
FAMILY SWEET	Horror	29
SWARM GOLD	Horror	27

+-----+-----+-----+

3 rows in set (0.01 sec)

3. Find out the list of customers from India who have rented sports movies.

```
mysql> SELECT ID, name, title, category, country
FROM customer_list, inventory, film_list, rental
WHERE rental.customer_id=customer_list.ID
AND rental.inventory_id=inventory.inventory_id
AND inventory.film_id=film_list.FID
AND country='India' and category='Sports';
```

+----+-----+-----+-----+-----+

ID	name	title	category	country
259	LENA JENSEN	ALADDIN CALENDAR	Sports	India
358	SAMUEL MARLOW	ALADDIN CALENDAR	Sports	India
370	WAYNE TRUONG	ALADDIN CALENDAR	Sports	India

367	ADAM GOOCH	ALADDIN CALENDAR	Sports	India	
123	SHANNON FREEMAN	ANONYMOUS HUMAN		Sports	India
554	DWAYNE OLVERA	ARTIST COLDBLOODED		Sports	India
468	TIM CARY	ARTIST COLDBLOODED	Sports	India	
274	NAOMI JENNINGS	CALIFORNIA BIRDS	Sports	India	
259	LENA JENSEN	CARIBBEAN LIBERTY	Sports	India	
78	LORI WOOD	CHANCE RESURRECTION		Sports	India
259	LENA JENSEN	CHANCE RESURRECTION		Sports	India
419	CHAD CARBONE	CHANCE RESURRECTION		Sports	India
356	GERALD FULTZ	CONGENIALITY QUEST	Sports	India	
78	LORI WOOD	CONGENIALITY QUEST	Sports	India	
316	STEVEN CURLEY	CRANES RESERVOIR	Sports	India	
502	BRETT CORNWELL	CRANES RESERVOIR	Sports	India	
224	PEARL GARZA	CRUSADE HONEY	Sports	India	
271	PENNY NEAL	DIVORCE SHINING	Sports	India	
296	RAMONA HALE	DIVORCE SHINING	Sports	India	
508	MILTON HOWLAND	DRIVER ANNIE	Sports	India	
296	RAMONA HALE	DURHAM PANKY	Sports	India	
358	SAMUEL MARLOW	ELIZABETH SHANE	Sports	India	
68	NICOLE PETERSON	EVOLUTION ALTER	Sports	India	
421	LEE HAWKS	EXORCIST STING	Sports	India	
426	BRADLEY MOTLEY	FLATLINERS KILLER	Sports	India	
274	NAOMI JENNINGS	FLATLINERS KILLER	Sports	India	
15	HELEN HARRIS	GLEAMING JAWBREAKER		Sports	India
121	JOSEPHINE GOMEZ	GLEAMING JAWBREAKER		Sports	India
231	GEORGIA JACOBS	GLEAMING JAWBREAKER		Sports	India
468	TIM CARY	GRACELAND DYNAMITE	Sports	India	
403	MIKE WAY	GRACELAND DYNAMITE	Sports	India	
121	JOSEPHINE GOMEZ	GRACELAND DYNAMITE		Sports	India
356	GERALD FULTZ	GROOVE FICTION	Sports	India	
468	TIM CARY	GROOVE FICTION	Sports	India	
316	STEVEN CURLEY	GUNFIGHTER MUSSOLINI		Sports	India
175	ANNETTE OLSON	HONEY TIES	Sports	India	
296	RAMONA HALE	HONEY TIES	Sports	India	
502	BRETT CORNWELL	HYSTERICAL GRAIL	Sports	India	
167	SALLY PIERCE	HYSTERICAL GRAIL	Sports	India	
209	TONYA CHAPMAN	IMAGE PRINCESS	Sports	India	
60	MILDRED BAILEY	IMAGE PRINCESS	Sports	India	
271	PENNY NEAL	INSTINCT AIRPORT	Sports	India	
468	TIM CARY	INSTINCT AIRPORT	Sports	India	
336	JOSHUA MARK	INSTINCT AIRPORT	Sports	India	
419	CHAD CARBONE	INSTINCT AIRPORT	Sports	India	
358	SAMUEL MARLOW	JADE BUNCH	Sports	India	
15	HELEN HARRIS	JADE BUNCH	Sports	India	

60	MILDRED BAILEY	JOON NORTHWEST	Sports	India	
274	NAOMI JENNINGS	LIBERTY MAGNIFICENT	Sports	India	
446	THEODORE CULP	LOSER HUSTLER	Sports	India	
268	NINA SOTO	MERMAID INSECTS	Sports	India	
209	TONYA CHAPMAN	MILE MULAN	Sports	India	
336	JOSHUA MARK	MOSQUITO ARMAGEDDON	Sports	India	
135	JUANITA MASON	MOSQUITO ARMAGEDDON	Sports	India	
68	NICOLE PETERSON	MOTHER OLEANDER	Sports	India	
59	CHERYL MURPHY	MOTHER OLEANDER	Sports	India	
135	JUANITA MASON	MOTHER OLEANDER	Sports	India	
192	LAURIE LAWRENCE	NORTHWEST POLISH	Sports	India	
259	LENA JENSEN	NOVOCAINE FLIGHT	Sports	India	
231	GEORGIA JACOBS	NOVOCAINE FLIGHT	Sports	India	
117	EDITH MCDONALD	NOVOCAINE FLIGHT	Sports	India	
421	LEE HAWKS	NOVOCAINE FLIGHT	Sports	India	
367	ADAM GOOCH	PEAK FOREVER	Sports	India	
32	AMY LOPEZ	PHILADELPHIA WIFE	Sports	India	
78	LORI WOOD	PHILADELPHIA WIFE	Sports	India	
136	ANITA MORALES	PICKUP DRIVING	Sports	India	
412	ALLEN BUTTERFIELD	PICKUP DRIVING	Sports	India	
175	ANNETTE OLSON	PIRATES ROXANNE	Sports	India	
508	MILTON HOWLAND	PIRATES ROXANNE	Sports	India	
297	SHERRI RHODES	PIRATES ROXANNE	Sports	India	
192	LAURIE LAWRENCE	POSEIDON FOREVER	Sports	India	
12	NANCY THOMAS	RECORDS ZORRO	Sports	India	
225	ARLENE HARVEY	RIVER OUTLAW	Sports	India	
440	BERNARD COLBY	ROSES TREASURE	Sports	India	
421	LEE HAWKS	ROSES TREASURE	Sports	India	
296	RAMONA HALE	ROSES TREASURE	Sports	India	
59	CHERYL MURPHY	ROSES TREASURE	Sports	India	
78	LORI WOOD	SATISFACTION CONFIDENTIAL	Sports	India	
554	DWAYNE OLVERA	SATISFACTION CONFIDENTIAL	Sports	India	
259	LENA JENSEN	SATISFACTION CONFIDENTIAL	Sports	India	
225	ARLENE HARVEY	SATURDAY LAMBS	Sports	India	
426	BRADLEY MOTLEY	SATURDAY LAMBS	Sports	India	
300	JOHN FARNSWORTH	SATURDAY LAMBS	Sports	India	
15	HELEN HARRIS	SATURDAY LAMBS	Sports	India	
502	BRETT CORNWELL	SEABISCUIT PUNK	Sports	India	
60	MILDRED BAILEY	SEABISCUIT PUNK	Sports	India	
446	THEODORE CULP	SEABISCUIT PUNK	Sports	India	
167	SALLY PIERCE	SENSE GREEK	Sports	India	
123	SHANNON FREEMAN	SHAKESPEARE SADDLE	Sports	India	
502	BRETT CORNWELL	SIERRA DIVIDE	Sports	India	
95	PAULA BRYANT	SIERRA DIVIDE	Sports	India	

316	STEVEN CURLEY	SLIPPER FIDELITY	Sports	India	
300	JOHN FARNSWORTH	SLIPPER FIDELITY	Sports	India	
356	GERALD FULTZ	SMOOCHY CONTROL	Sports	India	
316	STEVEN CURLEY	SQUAD FISH	Sports	India	
28	CYNTHIA YOUNG	STAR OPERATION	Sports	India	
167	SALLY PIERCE	STEERS ARMAGEDDON	Sports	India	
379	CARLOS COUGHLIN	STEERS ARMAGEDDON	Sports	India	
224	PEARL GARZA	STRAIGHT HOURS	Sports	India	
379	CARLOS COUGHLIN	STRAIGHT HOURS	Sports	India	
15	HELEN HARRIS	TALENTED HOMICIDE	Sports	India	
117	EDITH MCDONALD	TALENTED HOMICIDE	Sports	India	
170	BEATRICE ARNOLD	TALENTED HOMICIDE	Sports	India	
209	TONYA CHAPMAN	TALENTED HOMICIDE	Sports	India	
554	DWAYNE OLVERA	TALENTED HOMICIDE	Sports	India	
123	SHANNON FREEMAN	TIGHTS DAWN	Sports	India	
135	JUANITA MASON	TIGHTS DAWN	Sports	India	
534	CHRISTIAN JUNG	TIGHTS DAWN	Sports	India	
186	HOLLY FOX	TOURIST PELICAN	Sports	India	
468	TIM CARY	TOURIST PELICAN	Sports	India	
78	LORI WOOD	TRADING PINOCCHIO	Sports	India	
28	CYNTHIA YOUNG	TRADING PINOCCHIO	Sports	India	
316	STEVEN CURLEY	TUXEDO MILE	Sports	India	
117	EDITH MCDONALD	TUXEDO MILE	Sports	India	

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114 rows in set (0.01 sec)

4. Find out the list of customers from Canada who have rented "NICK WAHLBERG" movies.

```
mysql> SELECT ID, name, title, category, country, actors
FROM customer_list, inventory, film_list, rental
WHERE rental.customer_id=customer_list.ID
AND rental.inventory_id=inventory.inventory_id
AND inventory.film_id=film_list.FID
AND country='Canada' and actors LIKE '%NICK WAHLBERG%';
```

```
+-----+-----+-----+-----+-----+-----+
| ID | name | title | category | country | actors |
|
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+-----+-----+-----+-----+-----+-----+
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| 189 | LORETTA CARPENTER | APACHE DIVINE | Family | Canada | ANNE CRONYN,
CUBA OLIVIER, NICK WAHLBERG, HENRY BERRY
|
| 189 | LORETTA CARPENTER | DRACULA CRYSTAL | Classics | Canada | GREG CHAPLIN,
NICK WAHLBERG, REESE WEST, IAN TANDY, MORGAN WILLIAMS, DARYL CRAWFORD,
JODIE DEGENERES, CARMEN HUNT, CAMERON WRAY, MICHELLE MCCONAUGHEY,
SEAN WILLIAMS, BEN WILLIS, MORGAN HOPKINS |

| 463 | DARRELL POWER | DRACULA CRYSTAL | Classics | Canada | GREG CHAPLIN,
NICK WAHLBERG, REESE WEST, IAN TANDY, MORGAN WILLIAMS, DARYL CRAWFORD,
JODIE DEGENERES, CARMEN HUNT, CAMERON WRAY, MICHELLE MCCONAUGHEY,
SEAN WILLIAMS, BEN WILLIS, MORGAN HOPKINS |
+-----+-----+-----+-----+-----+-----+
-----+
3 rows in set (0.02 sec)

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5. Find out the number of movies in which “SEAN WILLIAMS” acted.

```

mysql> SELECT COUNT(*) as NUM_OF_MOVIES
FROM film_list
WHERE actors
LIKE '%SEAN WILLIAMS%';
+-----+
| NUM_OF_MOVIES |
+-----+
|          26 |
+-----+
1 row in set (0.04 sec)

```