|  |  |  |  |
| --- | --- | --- | --- |
| **id** | **first\_name** | **last\_name** | **movie\_id** |
| 1 | Adam | Smith | 1 |
| 2 | Ravi | Kumar | 2 |
| 3 | Susan | Davidson | 5 |
| 4 | Jenny | Adrianna | 8 |
| 6 | Lee | Pong | 10 |
| **id** | **title** | | **category** |
| 1 | ASSASSIN'S CREED: EMBERS | | Animations |
| 2 | Real Steel(2012) | | Animations |
| 3 | Alvin and the Chipmunks | | Animations |
| 4 | The Adventures of Tin Tin | | Animations |
| 5 | Safe (2012) | | Action |
| 6 | Safe House(2012) | | Action |
| 7 | GIA | | 18+ |
| 8 | Deadline 2009 | | 18+ |
| 9 | The Dirty Picture | | 18+ |
| 10 | Marley and me | | Romance |

**Cross JOIN**

Cross JOIN is a simplest form of JOINs which matches each row from one database table to all rows of another.

SELECT \* FROM `movies` CROSS JOIN `members`

Inner Join

SELECT members.`first\_name` , members.`last\_name` , movies.`title`

FROM members ,movies

WHERE movies.`id` = members.`movie\_id`

**Outer JOINs**

**Left Outer Join**

SELECT A.`title` , B.`first\_name` , B.`last\_name`

FROM `movies` AS A

LEFT JOIN `members` AS B

ON B.`movie\_id` = A.`id`

Right outer Join

SELECT A.`first\_name` , A.`last\_name`, B.`title`

FROM `members` AS A

RIGHT JOIN `movies` AS B

ON B.`id` = A.`movie\_id`