Michael Durso Database Management

CMPT 308 – Section 113

Oracle TV Lab Part 2

**Query1NaturalJoin:** Give all show numbers with their correlating producer number and producer name.

SELECT prod\_num, show\_num, prod\_name

FROM zproducer NATURAL JOIN zprodby;

|  |  |  |
| --- | --- | --- |
| **Prod\_Num** | **Show\_Num** | **Prod\_Name** |
| 1 | 5 | R S Lewis |
| 1 | 8 | R S Lewis |
| 1 | 1 | R S Lewis |
| 1 | 4 | R S Lewis |
| 2 | 7 | A Spaulding |
| 2 | 6 | A Spaulding |
| 3 | 12 | Dinah Marler |
| 3 | 13 | Dinah Marler |
| 3 | 11 | Dinah Marler |
| 4 | 9 | Susan Piper |
| 4 | 14 | Susan Piper |
| 4 | 15 | Susan Piper |
| 5 | 10 | V Chamberlan |
| 6 | 2 | Mike Jordan |
| 6 | 3 | Mike Jordan |

**Cardinality:** 15

**Query2JoinUsing:** Give all character names with their correlating character numbers and actor numbers.

SELECT DISTINCT char\_name, char\_num, actor\_num

FROM zcharacter JOIN zplay USING (char\_num);

**Cardinality:** 39

**Query3JoinOn:** Give all show names and show numbers with their correlating distributor names and distributor ID's.

SELECT zdistributor.distrid, zdistributor.distr\_name, ztvshow.show\_name, ztvshow.show\_num

FROM zdistributor JOIN ztvshow ON zdistributor.distrid = ztvshow.distrid;

|  |  |  |  |
| --- | --- | --- | --- |
| **Distrid** | **Distr\_Name** | **Show\_Name** | **Show\_Num** |
| 111 | Lorimar | All in the Family | 1 |
| 111 | Lorimar | Hee Haw | 15 |
| 111 | Lorimar | Beavis & BH | 2 |
| 111 | Lorimar | Gunsmoke | 14 |
| 111 | Lorimar | Maude | 9 |
| 111 | Lorimar | Jeffersons | 5 |
| 111 | Lorimar | Good Times | 4 |
| 222 | 20th C Fox | M\*A\*S\*H | 8 |
| 222 | 20th C Fox | Married with Children | 10 |
| 333 | MTM | 60 Minutes | 13 |
| 333 | MTM | Mary T Moore | 7 |
| 333 | MTM | Lou Grant | 6 |
| 333 | MTM | Rhoda | 12 |
| 333 | MTM | Phyllis | 11 |
| 333 | MTM | Cagney&Lacey | 3 |

**Cardinality:** 15

**Query4LeftJoin**

Give all Actor Names along with award ID's if any.

SELECT zactor.actor\_name,zactor\_award.awardid

FROM zactor LEFT JOIN zactor\_award ON zactor.actor\_num = zactor\_award.actor\_num;

**Cardinality:** 51

**Query5RightJoin:** Give all show names along with award ID's if any.

SELECT zshowaward.awardid, ztvshow.show\_name

FROM zshowaward RIGHT JOIN ztvshow ON zshowaward.show\_num = ztvshow.show\_num;

|  |  |
| --- | --- |
| **AwardID** | **Show\_Name** |
| 48 | All in the Family |
| 49 | All in the Family |
| 50 | All in the Family |
| 55 | All in the Family |
| 73 | Beavis & BH |
| 66 | Cagney&Lacey |
| 67 | Cagney&Lacey |
| (null) | Good Times |
| (null) | Jeffersons |
| 61 | Lou Grant |
| 62 | Lou Grant |
| 52 | Mary T Moore |
| 53 | Mary T Moore |
| 54 | Mary T Moore |
| 51 | M\*A\*S\*H |
| (null) | Maude |
| 70 | Married with Children |
| 87 | Married with Children |
| (null) | Phyllis |
| (null) | Rhoda |
| (null) | 60 Minutes |
| (null) | Gunsmoke |
| (null) | Hee Haw |

**Cardinality:** 23

**Query6FullJoin:** Give all Network ID's along with Distributor Names if any.

SELECT znetwork.network\_id, zdistributor.distr\_name

FROM znetwork FULL JOIN zdistributor ON znetwork.parent\_num = zdistributor.parent\_num;

|  |  |
| --- | --- |
| **Network\_ID** | **Distr\_Name** |
| ABC | MTM |
| CBS | (null) |
| FOX | Lorimar |
| NBC | (null) |
| MTV | (null) |
| (null) | 20th C Fox |

**Cardinality:** 6