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