Lec-10

Practice SQL Questions

→ DB

→ Tables / Relation

→ Data Relationships

→ Questions.

→ 51th Question

ORG_DB

• WORKER TABLE

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
1	Monika	Arora	100000	2014-02-20 09:00:00	HR
2	Niharika	Verma	80000	2014-06-11 09:00:00	Admin
3	Vishal	Singhal	300000	2014-02-20 09:00:00	HR
4	Amitabh	Singh	500000	2014-02-20 09:00:00	Admin
5	Vivek	Bhati	500000	2014-06-11 09:00:00	Admin
6	Vipul	Diwan	200000	2014-06-11 09:00:00	Account
7	Satish	Kumar	75000	2014-01-20 09:00:00	Account
8	Geetika	Chauhan	90000	2014-04-11 09:00:00	Admin
NULL	NULL	NULL	NULL	NULL	NULL

• BONUS TABLE

WORKER_REF_ID	BONUS_AMOUNT	BONUS_DATE
1	5000	2016-02-20 00:00:00
2	3000	2016-06-11 00:00:00
3	4000	2016-02-20 00:00:00
1	4500	2016-02-20 00:00:00
2	3500	2016-06-11 00:00:00

• TITLE TABLE

WORKER_REF_ID	WORKER_TITLE	AFFECTED_FROM
1	Manager	2016-02-20 00:00:00
2	Executive	2016-06-11 00:00:00
8	Executive	2016-06-11 00:00:00
5	Manager	2016-06-11 00:00:00
4	Asst. Manager	2016-06-11 00:00:00
7	Executive	2016-06-11 00:00:00
6	Lead	2016-06-11 00:00:00
3	Lead	2016-06-11 00:00:00

Q Remove all the reversed number pairs for given table.

A	B
1	2
2	4
2	1
3	2
4	2
5	6
6	5
7	8

$1,2 \Longleftrightarrow 2,1$

$2,3 \Longleftrightarrow 3,2$

O/P

A	B
1	2
2	4
3	2
5	6
7	8

Sol^n —

① JOINS

② Co - related.