

1)

emp_id	f_name	l_name	job_type	salary	commission	dept	manager_id	date_of_joining	d_name	d_loc	HOD_id
1	Arun	Khan	Manager	90000	NULL	Production	NULL	04-Jan-1998	R&D	Delhi	8
1	Arun	Khan	Manager	90000	NULL	Production	NULL	04-Jan-1998	Marketing	Kol	2
1	Arun	Khan	Manager	90000	NULL	Production	NULL	04-Jan-1998	Production	Kol	1
1	Arun	Khan	Manager	90000	NULL	Production	NULL	04-Jan-1998	Accounts	Delhi	6
1	Arun	Khan	Manager	90000	NULL	Production	NULL	04-Jan-1998	Sales	Kol	4
2	Barun	Kumar	Manager	80000	NULL	Marketing	NULL	09-Feb-1998	R&D	Delhi	8
2	Barun	Kumar	Manager	80000	NULL	Marketing	NULL	09-Feb-1998	Marketing	Kol	2
2	Barun	Kumar	Manager	80000	NULL	Marketing	NULL	09-Feb-1998	Production	Kol	1
2	Barun	Kumar	Manager	80000	NULL	Marketing	NULL	09-Feb-1998	Accounts	Delhi	6
2	Barun	Kumar	Manager	80000	NULL	Marketing	NULL	09-Feb-1998	Sales	Kol	4
3	Chitra	Kapoor	Engineer	60000	NULL	Production	1	08-Jan-1998	R&D	Delhi	8
3	Chitra	Kapoor	Engineer	60000	NULL	Production	1	08-Jan-1998	Marketing	Kol	2
3	Chitra	Kapoor	Engineer	60000	NULL	Production	1	08-Jan-1998	Production	Kol	1
3	Chitra	Kapoor	Engineer	60000	NULL	Production	1	08-Jan-1998	Accounts	Delhi	6
3	Chitra	Kapoor	Engineer	60000	NULL	Production	1	08-Jan-1998	Sales	Kol	4
4	Dheeraj	Mishra	Manager	75000	NULL	Sales	4	27-Dec-2001	R&D	Delhi	8
4	Dheeraj	Mishra	Manager	75000	NULL	Sales	4	27-Dec-2001	Marketing	Kol	2
4	Dheeraj	Mishra	Manager	75000	NULL	Sales	4	27-Dec-2001	Production	Kol	1
4	Dheeraj	Mishra	Manager	75000	NULL	Sales	4	27-Dec-2001	Accounts	Delhi	6
4	Dheeraj	Mishra	Manager	75000	NULL	Sales	4	27-Dec-2001	Sales	Kol	4
5	Emma	Dutt	Engineer	55000	NULL	Production	1	20-Mar-2002	R&D	Delhi	8
5	Emma	Dutt	Engineer	55000	NULL	Production	1	20-Mar-2002	Marketing	Kol	2
5	Emma	Dutt	Engineer	55000	NULL	Production	1	20-Mar-2002	Production	Kol	1
5	Emma	Dutt	Engineer	55000	NULL	Production	1	20-Mar-2002	Accounts	Delhi	6
5	Emma	Dutt	Engineer	55000	NULL	Production	1	20-Mar-2002	Sales	Kol	4
6	Floki	Dutt	Accountant	70000	NULL	Accounts	NULL	16-Jul-2000	R&D	Delhi	8
6	Floki	Dutt	Accountant	70000	NULL	Accounts	NULL	16-Jul-2000	Marketing	Kol	2
6	Floki	Dutt	Accountant	70000	NULL	Accounts	NULL	16-Jul-2000	Production	Kol	1
6	Floki	Dutt	Accountant	70000	NULL	Accounts	NULL	16-Jul-2000	Accounts	Delhi	6
6	Floki	Dutt	Accountant	70000	NULL	Accounts	NULL	16-Jul-2000	Sales	Kol	4
7	Dheeraj	Kumar	Clerk	40000	NULL	Accounts	6	01-Jul-2016	R&D	Delhi	8
7	Dheeraj	Kumar	Clerk	40000	NULL	Accounts	6	01-Jul-2016	Marketing	Kol	2
7	Dheeraj	Kumar	Clerk	40000	NULL	Accounts	6	01-Jul-2016	Production	Kol	1
7	Dheeraj	Kumar	Clerk	40000	NULL	Accounts	6	01-Jul-2016	Accounts	Delhi	6
7	Dheeraj	Kumar	Clerk	40000	NULL	Accounts	6	01-Jul-2016	Sales	Kol	4
8	Saul	Good	Engineer	60000	NULL	R&D	NULL	06-Sep-2014	R&D	Delhi	8
8	Saul	Good	Engineer	60000	NULL	R&D	NULL	06-Sep-2014	Marketing	Kol	2
8	Saul	Good	Engineer	60000	NULL	R&D	NULL	06-Sep-2014	Production	Kol	1
8	Saul	Good	Engineer	60000	NULL	R&D	NULL	06-Sep-2014	Accounts	Delhi	6
8	Saul	Good	Engineer	60000	NULL	R&D	NULL	06-Sep-2014	Sales	Kol	4
9	Mou	Bhat	Clerk	30000	NULL	Sales	4	08-Mar-2001	R&D	Delhi	8
9	Mou	Bhat	Clerk	30000	NULL	Sales	4	08-Mar-2001	Marketing	Kol	2
9	Mou	Bhat	Clerk	30000	NULL	Sales	4	08-Mar-2001	Production	Kol	1
9	Mou	Bhat	Clerk	30000	NULL	Sales	4	08-Mar-2001	Accounts	Delhi	6
9	Mou	Bhat	Clerk	30000	NULL	Sales	4	08-Mar-2001	Sales	Kol	4
10	Sunny	Deol	Salesman	20000	10000	Marketing	2	31-Mar-2001	R&D	Delhi	8
10	Sunny	Deol	Salesman	20000	10000	Marketing	2	31-Mar-2001	Marketing	Kol	2
10	Sunny	Deol	Salesman	20000	10000	Marketing	2	31-Mar-2001	Production	Kol	1
10	Sunny	Deol	Salesman	20000	10000	Marketing	2	31-Mar-2001	Accounts	Delhi	6
10	Sunny	Deol	Salesman	20000	10000	Marketing	2	31-Mar-2001	Sales	Kol	4
11	Bobby	Deol	Engineer	35000	NULL	R&D	8	17-Oct-2017	R&D	Delhi	8
11	Bobby	Deol	Engineer	35000	NULL	R&D	8	17-Oct-2017	Marketing	Kol	2
11	Bobby	Deol	Engineer	35000	NULL	R&D	8	17-Oct-2017	Production	Kol	1
11	Bobby	Deol	Engineer	35000	NULL	R&D	8	17-Oct-2017	Accounts	Delhi	6
11	Bobby	Deol	Engineer	35000	NULL	R&D	8	17-Oct-2017	Sales	Kol	4
12	Aamir	Khan	Salesman	15000	5000	Marketing	2	11-Jan-2013	R&D	Delhi	8
12	Aamir	Khan	Salesman	15000	5000	Marketing	2	11-Jan-2013	Marketing	Kol	2
12	Aamir	Khan	Salesman	15000	5000	Marketing	2	11-Jan-2013	Production	Kol	1
12	Aamir	Khan	Salesman	15000	5000	Marketing	2	11-Jan-2013	Accounts	Delhi	6
12	Aamir	Khan	Salesman	15000	5000	Marketing	2	11-Jan-2013	Sales	Kol	4

2)

```

+-----+-----+-----+
| f_name | l_name | d_loc |
+-----+-----+-----+
| Arun   | Khan   | Kol   |
| Barun  | Kumar  | Kol   |
| Chitra | Kapoor | Kol   |
| Dheeraj | Mishra | Kol   |
| Emma   | Dutt   | Kol   |
| Floki  | Dutt   | Delhi |
| Dheeraj | Kumar  | Delhi |
| Saul   | Good   | Delhi |
| Mou    | Bhat   | Kol   |
| Sunny  | Deol   | Kol   |
| Bobby  | Deol   | Delhi |
| Aamir  | Khan   | Kol   |
+-----+-----+-----+
12 rows in set (0.00 sec)

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3)

f_name	l_name	date_of_joining
Floki	Dutt	16-Jul-2000
Dheeraj	Kumar	01-Jul-2016
Saul	Good	06-Sep-2014
Bobby	Deol	17-Oct-2017

4 rows in set (0.00 sec)

4)

Field	Type	Null	Key	Default	Extra
Emp_id	int	YES		NULL	
City	varchar(20)	YES		NULL	
District	varchar(20)	YES		NULL	
State	varchar(20)	YES		NULL	

4 rows in set (0.00 sec)

Emp_id	City	District	State
1	Suri	Birbhum	WB
2	Kolkata	Kolkata	WB
3	Bhubaneswar	Khurda	Odisha
4	Durgapur	Burdwan	WB
5	Noida	GB Nagar	UP
6	Secunderabad	Hyderabad	Telangana
7	Derhadun	Dehradun	Uttarakhand
8	Asansol	Burdwan	WB
9	Siliguri	Darjeeling	WB
10	Kolkata	Kolkata	WB
11	Jalpaiguri	Jalpaiguri	WB
12	New Delhi	New Delhi	Delhi

12 rows in set (0.00 sec)

5)

f_name	l_name	d_loc	City
Arun	Khan	Kol	Suri
Barun	Kumar	Kol	Kolkata
Chitra	Kapoor	Kol	Bhubaneswar
Dheeraj	Mishra	Kol	Durgapur
Emma	Dutt	Kol	Noida
Floki	Dutt	Delhi	Secunderabad
Dheeraj	Kumar	Delhi	Derhadun
Saul	Good	Delhi	Asansol
Mou	Bhat	Kol	Siliguri
Sunny	Deol	Kol	Kolkata
Bobby	Deol	Delhi	Jalpaiguri
Aamir	Khan	Kol	New Delhi

12 rows in set (0.00 sec)

6)

f_name	l_name	dept
Arun	Khan	Production
Barun	Kumar	Marketing
Dheeraj	Mishra	Sales

3 rows in set (0.00 sec)

7)

Field	Type	Null	Key	Default	Extra
GRADE	char(10)	YES		NULL	
LOWEST_SAL	int	YES		NULL	
HIGHEST_SAL	int	YES		NULL	

3 rows in set (0.00 sec)

GRADE	LOWEST_SAL	HIGHEST_SAL
A	10000	24999
B	25000	49999
C	50000	100000

3 rows in set (0.00 sec)

8)

f_name	salary	Job_Grades
Arun	90000	C
Barun	80000	C
Chitra	60000	C
Dheeraj	75000	C
Emma	55000	C
Floki	70000	C
Dheeraj	40000	B
Saul	60000	C
Mou	30000	B
Sunny	20000	A
Bobby	35000	B
Aamir	15000	A

12 rows in set (0.00 sec)

9)

emp_id	f_name	l_name	job_type	salary	commission	dept	manager_id	date_of_joining
1	Arun	Khan	Manager	90000	NULL	Production	NULL	04-Jan-1998
2	Barun	Kumar	Manager	80000	NULL	Marketing	NULL	09-Feb-1998
3	Chitra	Kapoor	Engineer	60000	NULL	Production	1	08-Jan-1998
4	Dheeraj	Mishra	Manager	75000	NULL	Sales	4	27-Dec-2001
5	Emma	Dutt	Engineer	55000	NULL	Production	1	20-Mar-2002
6	Floki	Dutt	Accountant	70000	NULL	Accounts	NULL	16-Jul-2000
7	Dheeraj	Kumar	Clerk	40000	NULL	Accounts	6	01-Jul-2016
8	Saul	Good	Engineer	60000	NULL	R&D	NULL	06-Sep-2014
9	Mou	Bhat	Clerk	30000	NULL	Sales	4	08-Mar-2001
10	Sunny	Deol	Salesman	20000	10000	Marketing	2	31-Mar-2001
11	Bobby	Deol	Engineer	35000	NULL	R&D	8	17-Oct-2017
12	Aamir	Khan	Salesman	15000	5000	Marketing	2	11-Jan-2013
13	Raj	Chatterjee	Mechanic	20000	5000	NULL	3	08-Dec-2005
14	Rahul	Khan	Electrician	40000	2000	NULL	5	12-Aug-1984

14 rows in set (0.00 sec)

10)

d_name	d_loc	HOD_id
Sales	Kol	4
Accounts	Delhi	6
Production	Kol	1
Marketing	Kol	2
R&D	Delhi	8
Mechanic	Kol	3
Electric	Delhi	5

7 rows in set (0.00 sec)

11)

a)

emp_id	f_name	l_name	job_type	salary	commission	dept	manager_id	date_of_joining	d_name	d_loc	HOD_id
1	Arun	Khan	Manager	90000	NULL	Production	NULL	04-Jan-1998	Electric	Delhi	5
1	Arun	Khan	Manager	90000	NULL	Production	NULL	04-Jan-1998	Mechanic	Kol	3
1	Arun	Khan	Manager	90000	NULL	Production	NULL	04-Jan-1998	R&D	Delhi	8
1	Arun	Khan	Manager	90000	NULL	Production	NULL	04-Jan-1998	Marketing	Kol	2
1	Arun	Khan	Manager	90000	NULL	Production	NULL	04-Jan-1998	Production	Kol	1
1	Arun	Khan	Manager	90000	NULL	Production	NULL	04-Jan-1998	Accounts	Delhi	6
1	Arun	Khan	Manager	90000	NULL	Production	NULL	04-Jan-1998	Sales	Kol	4
2	Barun	Kumar	Manager	80000	NULL	Marketing	NULL	09-Feb-1998	Electric	Delhi	5
2	Barun	Kumar	Manager	80000	NULL	Marketing	NULL	09-Feb-1998	Mechanic	Kol	3
2	Barun	Kumar	Manager	80000	NULL	Marketing	NULL	09-Feb-1998	R&D	Delhi	8
2	Barun	Kumar	Manager	80000	NULL	Marketing	NULL	09-Feb-1998	Marketing	Kol	2
2	Barun	Kumar	Manager	80000	NULL	Marketing	NULL	09-Feb-1998	Production	Kol	1
2	Barun	Kumar	Manager	80000	NULL	Marketing	NULL	09-Feb-1998	Accounts	Delhi	6
2	Barun	Kumar	Manager	80000	NULL	Marketing	NULL	09-Feb-1998	Sales	Kol	4
3	Chitra	Kapoor	Engineer	60000	NULL	Production	1	08-Jan-1998	Electric	Delhi	5
3	Chitra	Kapoor	Engineer	60000	NULL	Production	1	08-Jan-1998	Mechanic	Kol	3
3	Chitra	Kapoor	Engineer	60000	NULL	Production	1	08-Jan-1998	R&D	Delhi	8
3	Chitra	Kapoor	Engineer	60000	NULL	Production	1	08-Jan-1998	Marketing	Kol	2
3	Chitra	Kapoor	Engineer	60000	NULL	Production	1	08-Jan-1998	Production	Kol	1
3	Chitra	Kapoor	Engineer	60000	NULL	Production	1	08-Jan-1998	Accounts	Delhi	6
3	Chitra	Kapoor	Engineer	60000	NULL	Production	1	08-Jan-1998	Sales	Kol	4
4	Dheeraaj	Mishra	Manager	75000	NULL	Sales	4	27-Dec-2001	Electric	Delhi	5
4	Dheeraaj	Mishra	Manager	75000	NULL	Sales	4	27-Dec-2001	Mechanic	Kol	3
4	Dheeraaj	Mishra	Manager	75000	NULL	Sales	4	27-Dec-2001	R&D	Delhi	8
4	Dheeraaj	Mishra	Manager	75000	NULL	Sales	4	27-Dec-2001	Marketing	Kol	2
4	Dheeraaj	Mishra	Manager	75000	NULL	Sales	4	27-Dec-2001	Production	Kol	1
4	Dheeraaj	Mishra	Manager	75000	NULL	Sales	4	27-Dec-2001	Accounts	Delhi	6
4	Dheeraaj	Mishra	Manager	75000	NULL	Sales	4	27-Dec-2001	Sales	Kol	4
5	Emma	Dutt	Engineer	55000	NULL	Production	1	20-Mar-2002	Electric	Delhi	5
5	Emma	Dutt	Engineer	55000	NULL	Production	1	20-Mar-2002	Mechanic	Kol	3
5	Emma	Dutt	Engineer	55000	NULL	Production	1	20-Mar-2002	R&D	Delhi	8
5	Emma	Dutt	Engineer	55000	NULL	Production	1	20-Mar-2002	Marketing	Kol	2
5	Emma	Dutt	Engineer	55000	NULL	Production	1	20-Mar-2002	Production	Kol	1
5	Emma	Dutt	Engineer	55000	NULL	Production	1	20-Mar-2002	Accounts	Delhi	6
5	Emma	Dutt	Engineer	55000	NULL	Production	1	20-Mar-2002	Sales	Kol	4
6	Floki	Dutt	Accountant	70000	NULL	Accounts	NULL	16-Jul-2000	Electric	Delhi	5
6	Floki	Dutt	Accountant	70000	NULL	Accounts	NULL	16-Jul-2000	Mechanic	Kol	3
6	Floki	Dutt	Accountant	70000	NULL	Accounts	NULL	16-Jul-2000	R&D	Delhi	8
6	Floki	Dutt	Accountant	70000	NULL	Accounts	NULL	16-Jul-2000	Marketing	Kol	2
6	Floki	Dutt	Accountant	70000	NULL	Accounts	NULL	16-Jul-2000	Production	Kol	1
6	Floki	Dutt	Accountant	70000	NULL	Accounts	NULL	16-Jul-2000	Accounts	Delhi	6
6	Floki	Dutt	Accountant	70000	NULL	Accounts	NULL	16-Jul-2000	Sales	Kol	4
7	Dheeraaj	Kumar	Clerk	40000	NULL	Accounts	6	01-Jul-2016	Electric	Delhi	5
7	Dheeraaj	Kumar	Clerk	40000	NULL	Accounts	6	01-Jul-2016	Mechanic	Kol	3
7	Dheeraaj	Kumar	Clerk	40000	NULL	Accounts	6	01-Jul-2016	R&D	Delhi	8
7	Dheeraaj	Kumar	Clerk	40000	NULL	Accounts	6	01-Jul-2016	Marketing	Kol	2
7	Dheeraaj	Kumar	Clerk	40000	NULL	Accounts	6	01-Jul-2016	Production	Kol	1
7	Dheeraaj	Kumar	Clerk	40000	NULL	Accounts	6	01-Jul-2016	Accounts	Delhi	6
7	Dheeraaj	Kumar	Clerk	40000	NULL	Accounts	6	01-Jul-2016	Sales	Kol	4
8	Saul	Good	Engineer	60000	NULL	R&D	NULL	06-Sep-2014	Electric	Delhi	5
8	Saul	Good	Engineer	60000	NULL	R&D	NULL	06-Sep-2014	Mechanic	Kol	3
8	Saul	Good	Engineer	60000	NULL	R&D	NULL	06-Sep-2014	R&D	Delhi	8
8	Saul	Good	Engineer	60000	NULL	R&D	NULL	06-Sep-2014	Marketing	Kol	2
8	Saul	Good	Engineer	60000	NULL	R&D	NULL	06-Sep-2014	Production	Kol	1
8	Saul	Good	Engineer	60000	NULL	R&D	NULL	06-Sep-2014	Accounts	Delhi	6
8	Saul	Good	Engineer	60000	NULL	R&D	NULL	06-Sep-2014	Sales	Kol	4
9	Mou	Bhat	Clerk	30000	NULL	Sales	4	08-Mar-2001	Electric	Delhi	5
9	Mou	Bhat	Clerk	30000	NULL	Sales	4	08-Mar-2001	Mechanic	Kol	3
9	Mou	Bhat	Clerk	30000	NULL	Sales	4	08-Mar-2001	R&D	Delhi	8
9	Mou	Bhat	Clerk	30000	NULL	Sales	4	08-Mar-2001	Marketing	Kol	2

9	Mou	Bhat	Clerk	30000	NULL	Sales	4	08-Mar-2001	Production	Kol	1
9	Mou	Bhat	Clerk	30000	NULL	Sales	4	08-Mar-2001	Accounts	Delhi	6
9	Mou	Bhat	Clerk	30000	NULL	Sales	4	08-Mar-2001	Sales	Kol	4
10	Sunny	Deol	Salesman	20000	10000	Marketing	2	31-Mar-2001	Electric	Delhi	5
10	Sunny	Deol	Salesman	20000	10000	Marketing	2	31-Mar-2001	Mechanic	Kol	3
10	Sunny	Deol	Salesman	20000	10000	Marketing	2	31-Mar-2001	R&D	Delhi	8
10	Sunny	Deol	Salesman	20000	10000	Marketing	2	31-Mar-2001	Marketing	Kol	2
10	Sunny	Deol	Salesman	20000	10000	Marketing	2	31-Mar-2001	Production	Kol	1
10	Sunny	Deol	Salesman	20000	10000	Marketing	2	31-Mar-2001	Accounts	Delhi	6
10	Sunny	Deol	Salesman	20000	10000	Marketing	2	31-Mar-2001	Sales	Kol	4
11	Bobby	Deol	Engineer	35000	NULL	R&D	8	17-Oct-2017	Electric	Delhi	5
11	Bobby	Deol	Engineer	35000	NULL	R&D	8	17-Oct-2017	Mechanic	Kol	3
11	Bobby	Deol	Engineer	35000	NULL	R&D	8	17-Oct-2017	R&D	Delhi	8
11	Bobby	Deol	Engineer	35000	NULL	R&D	8	17-Oct-2017	Marketing	Kol	2
11	Bobby	Deol	Engineer	35000	NULL	R&D	8	17-Oct-2017	Production	Kol	1
11	Bobby	Deol	Engineer	35000	NULL	R&D	8	17-Oct-2017	Accounts	Delhi	6
11	Bobby	Deol	Engineer	35000	NULL	R&D	8	17-Oct-2017	Sales	Kol	4
12	Aamir	Khan	Salesman	15000	5000	Marketing	2	11-Jan-2013	Electric	Delhi	5
12	Aamir	Khan	Salesman	15000	5000	Marketing	2	11-Jan-2013	Mechanic	Kol	3
12	Aamir	Khan	Salesman	15000	5000	Marketing	2	11-Jan-2013	R&D	Delhi	8
12	Aamir	Khan	Salesman	15000	5000	Marketing	2	11-Jan-2013	Marketing	Kol	2
12	Aamir	Khan	Salesman	15000	5000	Marketing	2	11-Jan-2013	Production	Kol	1
12	Aamir	Khan	Salesman	15000	5000	Marketing	2	11-Jan-2013	Accounts	Delhi	6
12	Aamir	Khan	Salesman	15000	5000	Marketing	2	11-Jan-2013	Sales	Kol	4
13	Raj	Chatterjee	Mechanic	20000	5000	NULL	3	08-Dec-2005	Electric	Delhi	5
13	Raj	Chatterjee	Mechanic	20000	5000	NULL	3	08-Dec-2005	Mechanic	Kol	3
13	Raj	Chatterjee	Mechanic	20000	5000	NULL	3	08-Dec-2005	R&D	Delhi	8
13	Raj	Chatterjee	Mechanic	20000	5000	NULL	3	08-Dec-2005	Marketing	Kol	2
13	Raj	Chatterjee	Mechanic	20000	5000	NULL	3	08-Dec-2005	Production	Kol	1
13	Raj	Chatterjee	Mechanic	20000	5000	NULL	3	08-Dec-2005	Accounts	Delhi	6
13	Raj	Chatterjee	Mechanic	20000	5000	NULL	3	08-Dec-2005	Sales	Kol	4
14	Rahul	Khan	Electrician	40000	2000	NULL	5	12-Aug-1984	Electric	Delhi	5
14	Rahul	Khan	Electrician	40000	2000	NULL	5	12-Aug-1984	Mechanic	Kol	3
14	Rahul	Khan	Electrician	40000	2000	NULL	5	12-Aug-1984	R&D	Delhi	8
14	Rahul	Khan	Electrician	40000	2000	NULL	5	12-Aug-1984	Marketing	Kol	2
14	Rahul	Khan	Electrician	40000	2000	NULL	5	12-Aug-1984	Production	Kol	1
14	Rahul	Khan	Electrician	40000	2000	NULL	5	12-Aug-1984	Accounts	Delhi	6
14	Rahul	Khan	Electrician	40000	2000	NULL	5	12-Aug-1984	Sales	Kol	4

98 rows in set (0.00 sec)

b)

emp_id	f_name	l_name	job_type	salary	commission	dept	manager_id	date_of_joining	d_name	d_loc	HOD_id
1	Arun	Khan	Manager	90000	NULL	Production	NULL	04-Jan-1998	Production	Kol	1
2	Barun	Kumar	Manager	80000	NULL	Marketing	NULL	09-Feb-1998	Marketing	Kol	2
3	Chitra	Kapoor	Engineer	60000	NULL	Production	1	08-Jan-1998	Production	Kol	1
4	Dheeraaj	Mishra	Manager	75000	NULL	Sales	4	27-Dec-2001	Sales	Kol	4
5	Emma	Dutt	Engineer	55000	NULL	Production	1	20-Mar-2002	Production	Kol	1
6	Floki	Dutt	Accountant	70000	NULL	Accounts	NULL	16-Jul-2000	Accounts	Delhi	6
7	Dheeraaj	Kumar	Clerk	40000	NULL	Accounts	6	01-Jul-2016	Accounts	Delhi	6
8	Saul	Good	Engineer	60000	NULL	R&D	NULL	06-Sep-2014	R&D	Delhi	8
9	Mou	Bhat	Clerk	30000	NULL	Sales	4	08-Mar-2001	Sales	Kol	4
10	Sunny	Deol	Salesman	20000	10000	Marketing	2	31-Mar-2001	Marketing	Kol	2
11	Bobby	Deol	Engineer	35000	NULL	R&D	8	17-Oct-2017	R&D	Delhi	8
12	Aamir	Khan	Salesman	15000	5000	Marketing	2	11-Jan-2013	Marketing	Kol	2

12 rows in set (0.00 sec)

c)

emp_id	f_name	l_name	job_type	salary	commission	dept	manager_id	date_of_joining	d_name	d_loc	HOD_id
1	Arun	Khan	Manager	90000	NULL	Production	NULL	04-Jan-1998	Production	Kol	1
2	Barun	Kumar	Manager	80000	NULL	Marketing	NULL	09-Feb-1998	Marketing	Kol	2
3	Chitra	Kapoor	Engineer	60000	NULL	Production	1	08-Jan-1998	Production	Kol	1
4	Dheeraj	Mishra	Manager	75000	NULL	Sales	4	27-Dec-2001	Sales	Kol	4
5	Emma	Dutt	Engineer	55000	NULL	Production	1	20-Mar-2002	Production	Kol	1
6	Floki	Dutt	Accountant	70000	NULL	Accounts	NULL	16-Jul-2000	Accounts	Delhi	6
7	Dheeraj	Kumar	Clerk	40000	NULL	Accounts	6	01-Jul-2016	Accounts	Delhi	6
8	Saul	Good	Engineer	60000	NULL	R&D	NULL	06-Sep-2014	R&D	Delhi	8
9	Mou	Bhat	Clerk	30000	NULL	Sales	4	08-Mar-2001	Sales	Kol	4
10	Sunny	Deol	Salesman	20000	10000	Marketing	2	31-Mar-2001	Marketing	Kol	2
11	Bobby	Deol	Engineer	35000	NULL	R&D	8	17-Oct-2017	R&D	Delhi	8
12	Aamir	Khan	Salesman	15000	5000	Marketing	2	11-Jan-2013	Marketing	Kol	2
13	Raj	Chatterjee	Mechanic	20000	5000	NULL	3	08-Dec-2005	NULL	NULL	NULL
14	Rahul	Khan	Electrician	40000	2000	NULL	5	12-Aug-1984	NULL	NULL	NULL

14 rows in set (0.00 sec)

d)

emp_id	f_name	l_name	job_type	salary	commission	dept	manager_id	date_of_joining	d_name	d_loc	HOD_id
9	Mou	Bhat	Clerk	30000	NULL	Sales	4	08-Mar-2001	Sales	Kol	4
4	Dheeraj	Mishra	Manager	75000	NULL	Sales	4	27-Dec-2001	Sales	Kol	4
7	Dheeraj	Kumar	Clerk	40000	NULL	Accounts	6	01-Jul-2016	Accounts	Delhi	6
6	Floki	Dutt	Accountant	70000	NULL	Accounts	NULL	16-Jul-2000	Accounts	Delhi	6
5	Emma	Dutt	Engineer	55000	NULL	Production	1	20-Mar-2002	Production	Kol	1
3	Chitra	Kapoor	Engineer	60000	NULL	Production	1	08-Jan-1998	Production	Kol	1
1	Arun	Khan	Manager	90000	NULL	Production	NULL	04-Jan-1998	Production	Kol	1
12	Aamir	Khan	Salesman	15000	5000	Marketing	2	11-Jan-2013	Marketing	Kol	2
10	Sunny	Deol	Salesman	20000	10000	Marketing	2	31-Mar-2001	Marketing	Kol	2
2	Barun	Kumar	Manager	80000	NULL	Marketing	NULL	09-Feb-1998	Marketing	Kol	2
11	Bobby	Deol	Engineer	35000	NULL	R&D	8	17-Oct-2017	R&D	Delhi	8
8	Saul	Good	Engineer	60000	NULL	R&D	NULL	06-Sep-2014	R&D	Delhi	8
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	Mechanic	Kol	3
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	Electric	Delhi	5

14 rows in set (0.00 sec)

e)

emp_id	f_name	l_name	job_type	salary	commission	dept	manager_id	date_of_joining	d_name	d_loc	HOD_id
1	Arun	Khan	Manager	90000	NULL	Production	NULL	04-Jan-1998	Production	Kol	1
2	Barun	Kumar	Manager	80000	NULL	Marketing	NULL	09-Feb-1998	Marketing	Kol	2
3	Chitra	Kapoor	Engineer	60000	NULL	Production	1	08-Jan-1998	Production	Kol	1
4	Dheeraj	Mishra	Manager	75000	NULL	Sales	4	27-Dec-2001	Sales	Kol	4
5	Emma	Dutt	Engineer	55000	NULL	Production	1	20-Mar-2002	Production	Kol	1
6	Floki	Dutt	Accountant	70000	NULL	Accounts	NULL	16-Jul-2000	Accounts	Delhi	6
7	Dheeraj	Kumar	Clerk	40000	NULL	Accounts	6	01-Jul-2016	Accounts	Delhi	6
8	Saul	Good	Engineer	60000	NULL	R&D	NULL	06-Sep-2014	R&D	Delhi	8
9	Mou	Bhat	Clerk	30000	NULL	Sales	4	08-Mar-2001	Sales	Kol	4
10	Sunny	Deol	Salesman	20000	10000	Marketing	2	31-Mar-2001	Marketing	Kol	2
11	Bobby	Deol	Engineer	35000	NULL	R&D	8	17-Oct-2017	R&D	Delhi	8
12	Aamir	Khan	Salesman	15000	5000	Marketing	2	11-Jan-2013	Marketing	Kol	2

12 rows in set (0.00 sec)