

Day-2 HOME WORK

NORMALIZATION:

1NF, 2NF, 3NF

1NF Table:

Name	Age Exp	companies Interlocked	Tier
Mahesh	26 5 July	C-A, C-C, C-B	0
Arjunudu	10	C-D, C-E	0
Janiki	7	C-F	1
Mamatha	10	C-z, C-x	2

To → 1NF

Name	Exp	C-ID	Tier
Mahesh	5	C-A	0
Mahesh	5	C-C	0
Mahesh	5	C-B	0
Arjunudu	10	C-D	0
Arjunudu	10	C-E	0
Janiki	7	C-F	1
Mamatha	3	C-z	2
Mamatha	10	C-x	2

2NF

ID	Name	Exp	Tier
1	Maheish	5	0
2	Arjunudu	10	0
3	Janiki	7	1
4	Mamatha	10	2

ID	companies worked
1	C-A
1	C-B
1	C-C
2	C-D
2	C-E
3	C-F
4	C-G
4	C-X

3NF

ID	Name	Exp	Tier ID
1	Mahesh	5	A
2	Arjunudu	10	A
3	Janiki	7	B
4	Mamatha	10	B

ID	Companies worked
1	C-A
1	C-B
1	C-C
2	C-D
2	C-E
3	C-F
4	C-G
4	C-H

Tier ID	Tier Number
A	0
B	1
C	2
D	3
E	4