

1NF (Remove MultiValued & Repeating Group)

EID	EName	Eage	EAddress
1	Ahmed	20	Banha
2	Ali	25	Cairo
5	Mona	24	Alex
15	Khaled	32	Cairo

EID	Pro-ID	Pro-Name	Pro-LocID	Pro-Loc-City	Hours	Bonus
1	15	Marssa-Matrooh airport	137	Matrooh	243	40000
1	7	Habat airport	225	Matrooh	193	30000
2	6	Porj-AlArab airport	200	Alex	210	32000
5	6	Porj-AlArab airport	200	Alex	150	21000
5	15	Marssa-Matrooh airport	137	Matrooh	130	9000
5	23	Cairo airport	55	Cairo	537	56000
15	23	Cairo airport	55	Cairo	33	5000

2NF (Remove Partial Dependencies)

EID	EName	Eage	EAddress
1	Ahmed	20	Banha
2	Ali	25	Cairo
5	Mona	24	Alex
15	Khaled	32	Cairo

Pro-ID	Pro-Name	Pro-LocID	Pro-Loc-City
15	Marssa-Matrooh airport	137	Matrooh
7	Habat airport	225	Matrooh
6	Porj-AlArab airport	200	Alex
23	Cairo airport	55	Cairo

EID	Pro-ID	Hours	Bonus
1	15	243	40000
1	7	193	30000
2	6	210	32000

5	6	150	21000
5	15	130	9000
5	23	537	56000
15	23	33	5000

3NF (Remove Transitive Dependencies)

EID	EName	Eage	EAddress
1	Ahmed	20	Banha
2	Ali	25	Cairo
5	Mona	24	Alex
15	Khaled	32	Cairo

Pro-ID	Pro-Name	Pro-LocID
15	Marssa-Matrooh airport	137
7	Habat airport	225
6	Porj-AlArab airport	200
23	Cairo airport	55

Pro-LocID	Pro-Loc-City
137	Matrooh
225	Matrooh
200	Alex
55	Cairo

EID	Pro-ID	Hours	Bonus
1	15	243	40000
1	7	193	30000
2	6	210	32000
5	6	150	21000
5	15	130	9000
5	23	537	56000
15	23	33	5000