

Lab_04

06 January 2023 20:36

Question 1

1NF

<u>Dept</u>	Dept Name	Location	MgrName	Mgr ID No.	Tel Extn.
11232	Soap Division	Cincinnati	Mary Samuel	S11	7711

<u>Dept</u>	<u>Cust</u>	Cust Name	Date of Complaint	Nature of Complaint
11232	P10451	Robert Drumtree	12/01/1998	Poor Service
11232	P10480	Steven Parks	14/01/1998	Discourteous

2NF

<u>Dept</u>	Dept Name	Location	MgrName	Mgr ID No.	Tel Extn.
11232	Soap Division	Cincinnati	Mary Samuel	S11	7711

<u>Cust</u>	Cust Name
P10451	Robert Drumtree
P10480	Steven Parks

<u>Dept</u>	<u>Cust</u>	Date of Complaint	Nature of Complaint
11232	P10451	12/01/1998	Poor Service
11232	P10480	14/01/1998	Discourteous

3NF

<u>Dept</u>	Dept Name	Location	<u>Mgr ID No.</u>	Tel Extn.
11232	Soap Division	Cincinnati	S11	7711

<u>Mgr ID No.</u>	MgrName
S11	Mary Samuel

<u>Cust</u>	Cust Name
P10451	Robert Drumtree
P10480	Steven Parks

<u>Dept</u>	<u>Cust</u>	Date of Complaint	Nature of Complaint
11232	P10451	12/01/1998	Poor Service
11232	P10480	14/01/1998	Discourteous

Question 2

1NF

<u>EMP-NO</u>	EMP-Name	Dept	Dept Manager
5	smith	Marketing	Jones
7	Bond	Accounts	Bloggs
9	King	Info Systems	Hurne
10	Holt	Accounts	Bloggs

<u>Proj-id</u>	<u>Emp-No</u>	Proj-Start-Date	Location	Weeks-on-Project
A	5	Dec-93	Poole	11
B	5	Jun-94	Plymouth	15
C	5	Sep-94	Portsmouth	6

2NF

<u>EMP-NO</u>	EMP-Name	Dept	Dept Manager
5	smith	Marketing	Jones
7	Bond	Accounts	Bloggs
9	King	Info Systems	Hurne

10	Holt	Accounts	Bloggs
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Proj-id	Proj-Start-Date	Location
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Proj-id	Emp-No	Weeks-on-Project
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3NF

EMP-NO	EMP-Name	Dept
5	smith	Marketing
7	Bond	Accounts
9	King	Info Systems
10	Holt	Accounts

Dept	Dept Manager
Marketing	Jones
Accounts	Bloggs
Info Systems	Hurne
Accounts	Bloggs

Proj-id	Proj-Start-Date	Location
A	Dec-93	Poole
B	Jun-94	Plymouth
C	Sep-94	Portsmouth

Proj-id	Emp-No	Weeks-on-Project
A	5	11
B	5	15
C	5	6

Question 3

1NF

Company ID	Company Name	Company Address
111	X	Haram,Giza
222	Y	Heliopolis,Cairo
333	Z	Doki,Giza

Model ID	Company ID	Model Name	Model Colour	Selling Price	Available Quantity	Dealer	Dealer Address
10	111	Accent	Silver	85000	3	Hyundai	Doki,Giza
11	111	Accent	Black	88000	5	Hyundai	Doki,Giza
10	222	Accent	Silver	82000	11	Hyundai	Doki,Giza

2NF

Company ID	Company Name	Company Address
111	X	Haram,Giza
222	Y	Heliopolis,Cairo
333	Z	Doki,Giza

Model ID	Model Name	Model Colour	Dealer	Dealer Address
10	Accent	Silver	Hyundai	Doki,Giza
11	Accent	Black	Hyundai	Doki,Giza
10	Accent	Silver	Hyundai	Doki,Giza

<u>Model ID</u>	<u>Company ID</u>	Selling Price	Available Quantity
10	111	85000	<u>3</u>
11	111	88000	5
10	222	82000	11

3NF

<u>Company ID</u>	Company Name	Company Address
111	X	Haram,Giza
222	Y	Heliopolis,Cairo
333	Z	Doki,Giza

<u>Model ID</u>	Model Name	Model Colour	<u>Dealer</u>
10	Accent	Silver	Hyundai
11	Accent	Black	Hyundai
10	Accent	Silver	Hyundai

<u>Dealer</u>	Dealer Address
Hyundai	Doki,Giza
Hyundai	Doki,Giza
Hyundai	Doki,Giza

<u>Model ID</u>	<u>Company ID</u>	Selling Price	Available Quantity
10	111	85000	<u>3</u>
11	111	88000	5
10	222	82000	11

