

Samuel Lobongtang

Basis Data

Soal 1 1NF

Kode_dokter	Nama_dokter	kode_pasien	Nama_pasian	No_antrian	Tanggal_antrian	Jam_Antrian	Kode_suster	Nama_Suster	Kode_tindakan	Nama_tindakan	Biaya
D01	Dr. Bambang Suparman	P01	Citra Adi Negara	A01	01/05/2016	07:30	N01	Ratna Adinda	T01	Rawat inap	Rp 900.000,00
D01	Dr. Bambang Suparman	P01	Citra Adi Negara	A02	01/06/2016	08:15	N01	Ratna Adinda	T02	Rawat Jalan	Rp 500.000,00
D01	Dr. Bambang Suparman	P02	Davin Yusuf Wicaksono	A03	01/07/2016	09:00	N01	Ratna Adinda	T02	Rawat Jalan	Rp 500.000,00
D01	Dr. Bambang Suparman	P02	Davin Yusuf Wicaksono	A04	02/05/2016	10:00	N02	Mirna Putri	T01	Rawat inap	Rp 700.000,00
D01	Dr. Bambang Suparman	P03	Dimas Andre Iswandi	A05	02/06/2016	11:06	N03	Soleh	T01	Rawat inap	Rp 900.000,00
D01	Dr. Bambang Suparman	P03	Dimas Andre Iswandi	A06	02/07/2016	11:15	N04	Dian Saputri	T02	Rawat Jalan	Rp 240.000,00
D02	Dr.Renny Saraswati	P04	Dodi Subakti	A07	03/05/2016	13:00	N04	Dian Saputri	T02	Rawat Jalan	Rp 900.000,00
D02	Dr.Renny Saraswati	P04	Dodi Subakti	A08	03/06/2016	11:05	N04	Dian Saputri	T01	Rawat inap	Rp 700.000,00
D02	Dr.Renny Saraswati	P05	Budi	A09	03/07/2016	07:00	N05	Remi Widodo	T02	Rawat Jalan	Rp 500.000,00
D03	Dr.Sadiman Emanue	P06	Fabiola Ester Tomang	A01	01/05/2016	07:30	N01	Ratna Adinda	T01	Rawat inap	Rp 500.000,00
D03	Dr.Sadiman Emanue	P06	Fabiola Ester Tomang	A02	01/06/2016	08:15	N01	Ratna Adinda	T02	Rawat Jalan	Rp 150.000,00
D03	Dr.Sadiman Emanue	P07	Fathiya Widya Rani	A03	01/07/2016	09:00	N01	Ratna Adinda	T02	Rawat Jalan	Rp 700.000,00
D03	Dr.Sadiman Emanue	P07	Fathiya Widya Rani	A04	02/05/2016	09:10	N02	Mirna Putri	T01	Rawat inap	Rp 400.000,00
D03	Dr.Sadiman Emanue	P08	Freda Pratama Purnama	A05	02/06/2016	08:00	N03	Soleh	T01	Rawat inap	Rp 800.000,00
D03	Dr.Sadiman Emanue	P08	Freda Pratama Purnama	A06	02/07/2016	09:00	N04	Dian Saputri	T02	Rawat Jalan	Rp 500.000,00
D04	Dr.Sri Wahyuni	P09	Gita Eka Febriana	A07	03/05/2016	10:00	N04	Dian Saputri	T02	Rawat Jalan	Rp 250.000,00
D04	Dr.Sri Wahyuni	P09	Gita Eka Febriana	A08	03/06/2016	11:00	N04	Dian Saputri	T01	Rawat inap	Rp 350.000,00
D04	Dr.Sri Wahyuni	P10	Fryda Rizkyta Ardiyaningrum	A09	03/07/2016	11:00	N05	Remi Widodo	T02	Rawat Jalan	Rp 600.000,00
D05	Dr.Rangga Aditya	P11	Theofani azari	A07	03/05/2016	09:10	N04	Dian Saputri	T02	Rawat Jalan	Rp 900.000,00
D05	Dr.Rangga Aditya	P11	Theofani azari	A08	03/06/2016	08:00	N04	Dian Saputri	T01	Rawat inap	Rp 700.000,00
D05	Dr.Rangga Aditya	P12	Salsabilla	A09	03/07/2016	09:00	N05	Remi Widodo	T02	Rawat Jalan	Rp 500.000,00
D06	Dr.Hartono	P13	Zaza Maulidya	A01	01/05/2016	07:30	N01	Ratna Adinda	T01	Rawat inap	Rp 600.000,00
D06	Dr.Hartono	P13	Zaza Maulidya	A02	01/06/2016	08:15	N01	Ratna Adinda	T02	Rawat Jalan	Rp 150.000,00
D06	Dr.Hartono	P14	Nur Cholis Efendy	A03	01/07/2016	09:00	N01	Ratna Adinda	T02	Rawat Jalan	Rp 700.000,00
D06	Dr.Hartono	P14	Nur Cholis Efendy	A04	02/05/2016	10:00	N02	Mirna Putri	T01	Rawat inap	Rp 600.000,00

Tabel Antrian

{kode\_dokter,kode\_pasien,kode\_suster,kode\_tindakan,no\_antrian,tgl\_antrian}

Kode_dokter	kode_pasien	Kode_suster	Kode_tindakan	No_antrian	Tanggal_antrian	Jam_Antrian
D01	P01	N01	T01	A01	01/05/2016	07:30
D01	P01	N01	T02	A02	01/06/2016	08:15
D01	P02	N01	T02	A03	01/07/2016	09:00
D01	P02	N02	T01	A04	02/05/2016	10:00
D01	P03	N03	T01	A05	02/06/2016	11:06
D01	P03	N04	T02	A06	02/07/2016	11:15
D02	P04	N04	T02	A07	03/05/2016	13:00
D02	P04	N04	T01	A08	03/06/2016	11:05
D02	P05	N05	T02	A09	03/07/2016	07:00
D03	P06	N01	T01	A01	01/05/2016	07:30
D03	P06	N01	T02	A02	01/06/2016	08:15
D03	P07	N01	T02	A03	01/07/2016	09:00
D03	P07	N02	T01	A04	02/05/2016	09:10
D03	P08	N03	T01	A05	02/06/2016	08:00
D03	P08	N04	T02	A06	02/07/2016	09:00
D04	P09	N04	T02	A07	03/05/2016	10:00
D04	P09	N04	T01	A08	03/06/2016	11:00
D04	P10	N05	T02	A09	03/07/2016	11:00
D05	P11	N04	T02	A07	03/05/2016	09:10
D05	P11	N04	T01	A08	03/06/2016	08:00
D05	P12	N05	T02	A09	03/07/2016	09:00
D06	P13	N01	T01	A01	01/05/2016	07:30
D06	P13	N01	T02	A02	01/06/2016	08:15
D06	P14	N01	T02	A03	01/07/2016	09:00
D06	P14	N02	T01	A04	02/05/2016	10:00

Tabel Dokter

Tabel Pasien

Kode_dokter	Nama_dokter	{kode_dokter,nama_dokter}    {kode_pasien,nama_pasien}	kode_pasien	Nama_pasian
D01	Dr. Bambang Suparman		P01	Citra Adi Negara
D02	Dr.Renny Saraswati		P02	Davin Yusuf Wicaksana
D03	Dr.Sadiman Emanuel		P03	Dimas Andre Iswahyudi
D04	Dr.Sri Wahyuni		P04	Dodi Subakti
D05	Dr.Rangga Aditya		P05	Budi
D06	Dr.Hartono		P06	Fabiola Ester Tomasila
			P07	Fathiya Widyra Rahman
			P08	Freda Pratama Putra
			P09	Gita Eka Febriana
			P10	Fryda Rizkyta Ardiana
			P11	Theofani azari
			P12	Salsabilla
			P13	Zaza Maulidya
			P14	Nur Cholis Efendy

Kode_suster	Nama_Suster	Tabel Suster {kode_suster, nama_suster}	
N01	Ratna Adinda		
N01	Ratna Adinda		
N01	Ratna Adinda		
N02	Mirna Putri		N05
N03	Soleh		N01
N04	Dian Saputri		N01
N04	Dian Saputri		N01
N04	Dian Saputri		N02
N05	Remi Widodo		

N01	Ratna Adinda	Tabel Antrian {kode_dokter,kode_pasien, kode_suster,kode_tindakan, no_antrian }
N01	Ratna Adinda	
N01	Ratna Adinda	
N02	Mirna Putri	
N03	Soleh	
N04	Dian Saputri	
N04	Dian Saputri	
N04	Dian Saputri	
N05	Remi Widodo	
N04	Dian Saputri	
N04	Dian Saputri	

Kode_dokter	kode_pasien	Kode_suster	Kode_tindakan	No_antrian
D01	P01	N01	T01	A01
D01	P01	N01	T02	A02
D01	P02	N01	T02	A03
D01	P02	N02	T01	A04
D01	P03	N03	T01	A05
D01	P03	N04	T02	A06
D02	P04	N04	T02	A07
D02	P04	N04	T01	A08
D02	P05	N05	T02	A09
D03	P06	N01	T01	A01
D03	P06	N01	T02	A02
D03	P07	N01	T02	A03
D03	P07	N02	T01	A04
D03	P08	N03	T01	A05
D03	P08	N04	T02	A06
D04	P09	N04	T02	A07
D04	P09	N04	T01	A08
D04	P10	N05	T02	A09
D05	P11	N04	T02	A07
D05	P11	N04	T01	A08
D05	P12	N05	T02	A09
D06	P13	N01	T01	A01
D06	P13	N01	T02	A02
D06	P14	N01	T02	A03
D06	P14	N02	T01	A04

DETAIL\_ANTRIAN

Hari	Jam ke	<u>Kode MK</u>	Nama MK	<u>Kode Dosen</u>	Nama Dosen	KLS	Ruang
Senin	1-3	EL230	Fisika 1	105	Prof.Bajuri	A,B,C	AMPI
Senin	4-5	EL230	Fisika 1	105	Prof.Bajuri	C,D	AMPI



Senin	1-3	EL230	105	A,B,C	AMPI
Senin	4-5	EL230	105	C,D	AMPI
Selasa	1-3	EL440	102	A,B	R1
Selasa	4-6	EL440	105	C,D	R2
Selasa	1-3	EL450	109	E,F	R1

Tabel Mata Kuliah

Tabel Dosen

{Kode\_MK,Nama MK}

{Kode\_Dosen, Nama\_Dosen}

Kode MK	Nama MK
EL230	Fisika 1
EL440	Pemrograman
EL450	Pancasila

Kode Dosen	Nama Dosen
105	Prof.Bajuri
102	Susilowati
109	Timbul, PhD.

Soal 3

FirstName	empCity
Jack	New York
Harry	Berlin
Parker	London

Asli		
Movie	ScreeningCity	Genre
Hard Code	Los Angeles	Comedy
Hard Code	New York	Comedy
Bill Durham	Santa Cruz	Drama
Bill Durham	Durham	Drama
The Code Warriier	New York	Horror

2NF	
Movie	ScreeningCity
Hard Code	Los Angeles
Hard Code	New York
Bill Durham	Santa Cruz
Bill Durham	Durham
The Code Warriier	New York
Movie	Genre
Hard Code	Comedy
Bill Durham	Drama
The Code Warriier	Horror

Soal 4

Asli				
empNum	FirstName	empCity	deptName	deptHead
1001	Jack	New York	Accounts	Raymond
1001	Jack	New York	Technology	Donald
1002	Harry	Berlin	Accounts	Samara
1007	Parker	London	HR	Elizabeth
1007	Parker	London	Infrastructure	Tom

2 NF			
empNum	FirstName		
1001	Jack		
1002	Harry		
1007	Parker		
empNum	FirstName	deptName	deptHead
1001	Jack	Accounts	Raymond
1001	Jack	Technology	Donald
1002	Harry	Accounts	Samara
1007	Parker	HR	Elizabeth
1007	Parker	Infrastructure	Tom
empNum	FirstName	empCity	
1001	Jack	New York	
1002	Harry	Berlin	
1007	Parker	London	

3NF			
empNum	FirstName		
1001	Jack		
1002	Harry		
1007	Parker		
empNum	FirstName	deptName	
1001	Jack	Accounts	
1001	Jack	Technology	
1002	Harry	Accounts	
1007	Parker	HR	
1007	Parker	Infrastructure	
empNum	FirstName	deptName	deptHead
1001	Jack	Accounts	Raymond
1001	Jack	Technology	Donald
1002	Harry	Accounts	Samara
1007	Parker	HR	Elizabeth
1007	Parker	Infrastructure	Tom

4NF		
empNum	FirstName	
1001	Jack	
1002	Harry	
1007	Parker	
FirstName	empCity	
Jack	New York	
Harry	Berlin	
Parker	London	
empNum	FirstName	deptName
1001	Jack	Accounts
1001	Jack	Technology
1002	Harry	Accounts
1007	Parker	HR
1007	Parker	Infrastructure
deptName	deptHead	

Accounts	Raymond		
Technology	Donald		
Accounts	Samara		
HR	Elizabeth		
Infrastructure	Tom		
empNum	FirstName	deptName	deptHead
1001	Jack	Accounts	Raymond
1001	Jack	Technology	Donald
1002	Harry	Accounts	Samara
1007	Parker	HR	Elizabeth
1007	Parker	Infrastructure	Tom