


























Insert Appointments:
Before:















#	AppointmentID	StartDateTime	EndDateTime	RoomNumber	Patient PHN	DoctorID	Edit	Delete
1	123	2021-05-21 15:00:00	2021-05-21 15:30:00	100	6303640	566666		
2	222	2022-04-01 16:20:00	2022-04-01 16:50:00	333	1249269	54443		
3	333	2022-01-20 14:00:00	2022-01-20 14:40:00	221	3332543	44444		
4	444	2000-06-17 17:00:00	2000-06-17 17:30:00	345	456354332	33333		
5	555	2011-05-29 11:00:00	2011-05-29 11:40:00	123	4563542	34421		
6	666	2021-05-30 11:00:00	2021-05-30 13:40:00	333	2222111	566666		

After:

#	AppointmentID	StartDateTime	EndDateTime	RoomNumber	Patient PHN	DoctorID	Edit	Delete
1	123	2021-05-21 15:00:00	2021-05-21 15:30:00	100	6303640	566666		
2	222	2022-04-01 16:20:00	2022-04-01 16:50:00	333	1249269	54443		
3	333	2022-01-20 14:00:00	2022-01-20 14:40:00	221	3332543	44444		
4	444	2000-06-17 17:00:00	2000-06-17 17:30:00	345	456354332	33333		
5	555	2011-05-29 11:00:00	2011-05-29 11:40:00	123	4563542	34421		
6	666	2021-05-30 11:00:00	2021-05-30 13:40:00	333	2222111	566666		
7	777	2021-07-02 11:30:00	2021-07-02 12:30:00	123	1249269	33333		













Delete:

Before:



#	AppointmentID	StartDateTime	EndDateTime	RoomNumber	Patient PHN	DoctorID	Edit	Delete
1	123	2021-05-21 15:00:00	2021-05-21 15:30:00	100	6303640	566666		
2	222	2022-04-01 16:20:00	2022-04-01 16:50:00	333	1249269	54443		
3	333	2022-01-20 14:00:00	2022-01-20 14:40:00	221	3332543	44444		
4	444	2000-06-17 17:00:00	2000-06-17 17:30:00	345	456354332	33333		
5	555	2011-05-29 11:00:00	2011-05-29 11:40:00	123	4563542	34421		
6	666	2021-05-30 11:00:00	2021-05-30 13:40:00	333	2222111	566666		
7	777	2021-07-02 11:30:00	2021-07-02 12:30:00	123	1249269	33333		

After

Record deleted successfully

#	AppointmentID	StartDateTime	EndDateTime	RoomNumber	Patient PHN	DoctorID	Edit	Delete
1	123	2021-05-21 15:00:00	2021-05-21 15:30:00	100	6303640	566666		
2	222	2022-04-01 16:20:00	2022-04-01 16:50:00	333	1249269	54443		
3	333	2022-01-20 14:00:00	2022-01-20 14:40:00	221	3332543	44444		
4	555	2011-05-29 11:00:00	2011-05-29 11:40:00	123	4563542	34421		
5	666	2021-05-30 11:00:00	2021-05-30 13:40:00	333	2222111	566666		
6	777	2021-07-02 11:30:00	2021-07-02 12:30:00	123	1249269	33333		

Update:
Before:

#	DoctorID	Name	Age	Gender	Specialization	Edit	Delete
1	33333	Doug Dimmadome	50	M	General Surgery		
2	34421	Mindy Crawford	32	F	Pediatrician		
3	44444	Charon Styx	65	M	Palliative Care		
4	54443	Amanda Johnson	42	F	Oncology		
5	124523	Peter Pan		M	Cardiology		
6	566666	Martin Hertz	34	M	Internal Medicine		

After:

You are updating the Doctor with ID = 33333

New Doctor ID

33333

New Name

Timmy Turner|











New Age

50













New Gender

M



#	DoctorID	Name	Age	Gender	Specialization	Edit	Delete
1	33333	Timmy Turner	50	M	General Surgery		
2	34421	Mindy Crawford	32	F	Pediatrician		
3	44444	Charon Styx	65	M	Palliative Care		
4	54443	Amanda Johnson	42	F	Oncology		
5	124523	Peter Pan		M	Cardiology		
6	566666	Martin Hertz	34	M	Internal Medicine		

Selection
Before:

#	AppointmentID	StartDateTime	EndDateTime	RoomNumber	Patient PHN	DoctorID	Edit	Delete
1	123	2021-05-21 15:00:00	2021-05-21 15:30:00	100	6303640	566666		
2	222	2022-04-01 16:20:00	2022-04-01 16:50:00	333	1249269	54443		
3	333	2022-01-20 14:00:00	2022-01-20 14:40:00	221	3332543	44444		
4	555	2011-05-29 11:00:00	2011-05-29 11:40:00	123	4563542	34421		
5	666	2021-05-30 11:00:00	2021-05-30 13:40:00	333	2222111	566666		
6	777	2021-07-02 11:30:00	2021-07-02 12:30:00	123	1249269	33333		

After:

Leave the Checkboxes Empty to Select All Options

Room Number





☒ 100

☐ 123

☒ 221













☐ 333

☐ 345

#	AppointmentID	StartDateTime	EndDateTime	RoomNumber	Patient	Doctor	Edit	Delete
1	123	2021-05-21 15:00:00	2021-05-21 15:30:00	100	6303640 Tomas	566666 Martin Hertz		
2	333	2022-01-20 14:00:00	2022-01-20 14:40:00	221	3332543 Xinyu	44444 Charon Styx		

Projection

Before:

#	AppointmentID	StartDateTime	EndDateTime	RoomNumber	Patient PHN	DoctorID	Edit	Delete
1	123	2021-05-21 15:00:00	2021-05-21 15:30:00	100	6303640	566666		
2	222	2022-04-01 16:20:00	2022-04-01 16:50:00	333	1249269	54443		
3	333	2022-01-20 14:00:00	2022-01-20 14:40:00	221	3332543	44444		
4	555	2011-05-29 11:00:00	2011-05-29 11:40:00	123	4563542	34421		
5	666	2021-05-30 11:00:00	2021-05-30 13:40:00	333	2222111	566666		
6	777	2021-07-02 11:30:00	2021-07-02 12:30:00	123	1249269	33333		













After:

Check the Fields to Show:













- ☐ Appointment ID
- ☒ Start Time
- ☐ End Time
- ☒ Room Number
- ☐ Patient
- ☐ Doctor

#	StartDateTime	RoomNumber
1	2021-05-21 15:00:00	100
2	2022-04-01 16:20:00	333
3	2022-01-20 14:00:00	221
4	2011-05-29 11:00:00	123
5	2021-05-30 11:00:00	333
6	2021-07-02 11:30:00	123









Join
Before:

Show Patient Name and Doctor Name		Show Symptom and Nurse						
#	AppointmentID	StartDateTime	EndDateTime	RoomNumber	Patient PHN	DoctorID	Edit	Delete
1	123	2021-05-21 15:00:00	2021-05-21 15:30:00	100	6303640	566666		
2	222	2022-04-01 16:20:00	2022-04-01 16:50:00	333	1249269	54443		
3	333	2022-01-20 14:00:00	2022-01-20 14:40:00	221	3332543	44444		
4	555	2011-05-29 11:00:00	2011-05-29 11:40:00	123	4563542	34421		
5	666	2021-05-30 11:00:00	2021-05-30 13:40:00	333	2222111	566666		
6	777	2021-07-02 11:30:00	2021-07-02 12:30:00	123	1249269	33333		

After:

#	AppointmentID	StartDateTime	EndDateTime	RoomNumber	Patient	Doctor	Edit	Delete
1	123	2021-05-21 15:00:00	2021-05-21 15:30:00	100	6303640 Tomas	566666 Martin Hertz		
2	222	2022-04-01 16:20:00	2022-04-01 16:50:00	333	1249269 Emily	54443 Amanda Johnson		
3	333	2022-01-20 14:00:00	2022-01-20 14:40:00	221	3332543 Xinyu	44444 Charon Styx		
4	555	2011-05-29 11:00:00	2011-05-29 11:40:00	123	4563542 Jack	34421 Mindy Crawford		
5	666	2021-05-30 11:00:00	2021-05-30 13:40:00	333	2222111 Angela	566666 Martin Hertz		
6	777	2021-07-02 11:30:00	2021-07-02 12:30:00	123	1249269 Emily	33333 Doug Dimmadome		

Aggregation
Before:

#	Type	Price	Edit	Delete
1	Blood Test	8		
2	Cat Scan	60.4		
3	Eye exam	2.22		
4	Stool Test	30.9		
5	Ultrasound	10		
6	X-ray	10.2		

After:

Calculate the Total Cost of The Medical Exams Selected

☒ Blood Test

☐ Cat Scan

☒ Eye exam

☐ Stool Test

☒ Ultrasound













☐ X-ray

Medical Exam Types you Chose are:

Blood Test
Eye exam
Ultrasound

Total price for these type are: **20.22**

Nested Aggregation
Before:

#	DoctorID	Name	Age	Gender	Specialization	Edit	Delete
1	33333	Doug Dimmadome	50	M	General Surgery		
2	34421	Mindy Crawford	32	F	Pediatrician		
3	44444	Charon Styx	65	M	Palliative Care		
4	54443	Amanda Johnson	42	F	Oncology		
5	124523	Peter Pan		M	Cardiology		
6	566666	Martin Hertz	34	M	Internal Medicine		

After:

Output the Doctors Who Has Fewer than Certain Appointments After a Certain Date.

Maximum Number of Appointments per Doctor

1

▼













Start Date of Upcoming Appointments

2021-03 01-, 11:00

📅

#	Doctor ID	Doctor Name
1	33333	Doug Dimmadome
2	34421	Mindy Crawford
3	44444	Charon Styx
4	54443	Amanda Johnson

Division
Before:

#	Type	Price	Edit	Delete
1	Blood Test	8		
2	Cat Scan	60.4		
3	Eye exam	2.22		
4	Stool Test	30.9		
5	Ultrasound	10		
6	X-ray	10.2		

After:

#	Medical Exam
1	Blood Test
2	Stool Test