```
select * from dbo.Doctor where Salary < ANY( select Salary from dbo.Doctor where Salary > 50000);
```

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19BCS078

% ▼ ◄

Results | Messages

DID	Doctor_Name	Current_Case	DPhone_Number	Qualification	Salary	testcol
1	Abhishek Kumar	Covid	1111111111	lawyer	58001	NULL
2	rakesh	stomach ache	1111111112	lawyer	58002	NULL
3	suresh	stomach ache	1111111113	lawyer	58003	NULL
4	rakesh Kumar	common cold	1111111114	businessman	58004	NULL
5	suresh Kumar	common cold	1111111115	businessman	58005	NULL
6	mahesh	fever	1111111116	businessman	58006	NULL
7	suresh singh	fever	1111111117	businessman	58008	NULL
8	rakesh singh	fever	1111111118	businessman	58009	NULL
9	jignesh	Covid	1111111119	businessman	58003	NULL
10	jignesh Kumar	Covid	1111111120	businessman	58040	NULL
11	jignesh singh	Covid	1111111121	businessman	58200	NULL
12	jetha lal Kumar	Covid	1111111122	actor	68000	NULL
13	jetha lal singh	Covid	1111111123	actor	56000	NULL
14	atma ram Kumar	Covid	1111111124	actor	48000	NULL
15	atma ram singh	Covid	1111111125	actor	58600	NULL

```sql
select * from dbo.Doctor where DID < ANY( select Salary from dbo.Doctor where Current_Case = 'Covid');
```

136 %

⊞ Results   📄 Messages

	DID	Doctor_Name	Current_Case	DPhone_Number	Qualification	Salary	testcol
1	1	Abhishek Kumar	Covid	1111111111	lawyer	58001	NULL
2	2	rakesh	stomach ache	1111111112	lawyer	58002	NULL
3	3	suresh	stomach ache	1111111113	lawyer	58003	NULL
4	4	rakesh Kumar	common cold	1111111114	businessman	58004	NULL
5	5	suresh Kumar	common cold	1111111115	businessman	58005	NULL
6	6	mahesh	fever	1111111116	businessman	58006	NULL
7	7	suresh singh	fever	1111111117	businessman	58008	NULL
8	8	rakesh singh	fever	1111111118	businessman	58009	NULL
9	9	jignesh	Covid	1111111119	businessman	58003	NULL
10	10	jignesh Kumar	Covid	1111111120	businessman	58040	NULL
11	11	jignesh singh	Covid	1111111121	businessman	58200	NULL

```sql
select * from dbo.Doctor where DID < ANY( select Salary from dbo.Doctor where Current_Case = 'stomach ache');
```

136 %

Results | **Messages**

	DID	Doctor_Name	Current_Case	DPhone_Number	Qualification	Salary	testcol
1	1	Abhishek Kumar	Covid	1111111111	lawyer	58001	NULL
2	2	rakesh	stomach ache	1111111112	lawyer	58002	NULL
3	3	suresh	stomach ache	1111111113	lawyer	58003	NULL
4	4	rakesh Kumar	common cold	1111111114	businessman	58004	NULL
5	5	suresh Kumar	common cold	1111111115	businessman	58005	NULL
6	6	mahesh	fever	1111111116	businessman	58006	NULL
7	7	suresh singh	fever	1111111117	businessman	58008	NULL
8	8	rakesh singh	fever	1111111118	businessman	58009	NULL
9	9	jignesh	Covid	1111111119	businessman	58003	NULL
10	10	jignesh Kumar	Covid	1111111120	businessman	58040	NULL
11	11	jignesh singh	Covid	1111111121	businessman	58200	NULL

```sql
select * from dbo.Doctor where DID < ALL( select Salary from dbo.Doctor where Salary > 60000);
```

136 %

Results   Messages

	DID	Doctor_Name	Current_Case	DPhone_Number	Qualification	Salary	testcol
1	1	Abhishek Kumar	Covid	1111111111	lawyer	58001	NULL
2	2	rakesh	stomach ache	1111111112	lawyer	58002	NULL
3	3	suresh	stomach ache	1111111113	lawyer	58003	NULL
4	4	rakesh Kumar	common cold	1111111114	businessman	58004	NULL
5	5	suresh Kumar	common cold	1111111115	businessman	58005	NULL
6	6	mahesh	fever	1111111116	businessman	58006	NULL
7	7	suresh singh	fever	1111111117	businessman	58008	NULL
8	8	rakesh singh	fever	1111111118	businessman	58009	NULL
9	9	jignesh	Covid	1111111119	businessman	58003	NULL
10	10	jignesh Kumar	Covid	1111111120	businessman	58040	NULL
11	11	jignesh singh	Covid	1111111121	businessman	58200	NULL
12	12	jetha lal Kumar	Covid	1111111122	actor	68000	NULL

```sql
select * from dbo.Doctor where DID < ALL( select Salary from dbo.Doctor where Current_Case = 'covid');
```

136 %

Results | **Messages**

	DID	Doctor_Name	Current_Case	DPhone_Number	Qualification	Salary	testcol
1	1	Abhishek Kumar	Covid	1111111111	lawyer	58001	NULL
2	2	rakesh	stomach ache	1111111112	lawyer	58002	NULL
3	3	suresh	stomach ache	1111111113	lawyer	58003	NULL
4	4	rakesh Kumar	common cold	1111111114	businessman	58004	NULL
5	5	suresh Kumar	common cold	1111111115	businessman	58005	NULL
6	6	mahesh	fever	1111111116	businessman	58006	NULL
7	7	suresh singh	fever	1111111117	businessman	58008	NULL
8	8	rakesh singh	fever	1111111118	businessman	58009	NULL
9	9	jignesh	Covid	1111111119	businessman	58003	NULL
10	10	jignesh Kumar	Covid	1111111120	businessman	58040	NULL
11	11	jignesh singh	Covid	1111111121	businessman	58200	NULL
12	12	jetha lal Kumar	Covid	1111111122	actor	68000	NULL
13	13	jetha lal singh	Covid	1111111123	actor	56000	NULL

```sql
select * from dbo.Doctor where DID < ALL( select Salary from dbo.Doctor where Current_Case = 'stomach ache');
```

136 % ◀

▦ Results 📄 Messages

	DID	Doctor_Name	Current_Case	DPhone_Number	Qualification	Salary	testcol
1	1	Abhishek Kumar	Covid	1111111111	lawyer	58001	NULL
2	2	rakesh	stomach ache	1111111112	lawyer	58002	NULL
3	3	suresh	stomach ache	1111111113	lawyer	58003	NULL
4	4	rakesh Kumar	common cold	1111111114	businessman	58004	NULL
5	5	suresh Kumar	common cold	1111111115	businessman	58005	NULL
6	6	mahesh	fever	1111111116	businessman	58006	NULL
7	7	suresh singh	fever	1111111117	businessman	58008	NULL
8	8	rakesh singh	fever	1111111118	businessman	58009	NULL
9	9	jignesh	Covid	1111111119	businessman	58003	NULL
10	10	jignesh Kumar	Covid	1111111120	businessman	58040	NULL
11	11	jignesh singh	Covid	1111111121	businessman	58200	NULL
12	12	jetha lal Kumar	Covid	1111111122	actor	68000	NULL

```sql
select Doctor_name from Doctor where Doctor_Name like 'jetha%';
```

136 %

Results | **Messages**

	Doctor_name
1	jetha lal Kumar
2	jetha lal singh

```sql
select Doctor_name from Doctor where Doctor_Name like '%lal%';
```

136 %

Results | **Messages**

	Doctor_name
1	jetha lal Kumar
2	jetha lal singh
3	Champak lal Kumar
4	Champak lal singh

```sql
select Doctor_name from Doctor where Doctor_Name like '%esh';
```

136 % ▾ ◄

▦ Results 🛢 Messages

	Doctor_name
1	rakesh
2	suresh
3	mahesh
4	jignesh

```sql
select COUNT(*) AS total_docs from Doctor;
```

136 %

Results **Messages**

	total_docs
1	20

```sql
select SUM(Salary) AS Salary_sum from Doctor;
```

136 %

Results | **Messages**

	Salary_sum
1	1025681

```sql
select AVG(Salary) AS avg_sum from Doctor;
```

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136 %

Results | Messages

	avg_sum
1	51284

```sql
select MAX(Salary) AS max_salary from Doctor;
```

136 %

▦ Results 🗈 Messages

	max_salary
1	78000

```sql
select MIN(Salary) AS min_salary from Doctor;
```

136 %

Results | **Messages**

	min_salary
1	5800

```sql
select Doctor_name from Doctor order by DID;
```

136 %

Results | **Messages**

	Doctor_name
1	Abhishek Kumar
2	rakesh
3	suresh
4	rakesh Kumar
5	suresh Kumar
6	mahesh
7	suresh singh
8	rakesh singh
9	jignesh
10	jignesh Kumar
11	jignesh singh
12	jetha lal Kumar
13	jetha lal singh
14	atma ram Kumar
15	atma ram singh
16	Champak lal Kumar
17	Champak lal singh
18	Ranveer Kumar
19	Ranveer singh
20	Saiman Kumar

```sql
select Doctor_name from Doctor order by Salary;
```

136 % ▼

⊞ Results 📄 Messages

	Doctor_name
1	Ranveer singh
2	Ranveer Kumar
3	Champak lal singh
4	Champak lal Kumar
5	atma ram Kumar
6	jetha lal singh
7	Abhishek Kumar
8	rakesh
9	suresh
10	jignesh
11	rakesh Kumar
12	suresh Kumar
13	mahesh
14	suresh singh
15	rakesh singh
16	jignesh Kumar
17	jignesh singh
18	atma ram singh
19	jetha lal Kumar
20	Saiman Kumar

```sql
select DID from Doctor group by DID having DID < 10;
```

	DID
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

```sql
select DID from Doctor group by DID having DID > 18;
```

	DID
1	19
2	20

```sql
select current_case,max(Salary) as max_salary from Doctor group by Current_Case;
```

136 % ▾ ◂

▦ Results 📄 Messages

	current_case	max_salary
1	common cold	58005
2	Covid	78000
3	fever	58009
4	stomach ache	58003

```sql
select current_case, count(*) as count_docs from Doctor group by Current_Case;
```

136 %

Results | **Messages**

	current_case	count_docs
1	common cold	2
2	Covid	13
3	fever	3
4	stomach ache	2

```sql
select current_case,min(Salary) as min_salary from Doctor group by Current_Case;
```

136 % ▼

🔢 Results 📊 Messages

	current_case	min_salary
1	common cold	58004
2	Covid	5800
3	fever	58006
4	stomach ache	58002

```sql
select Doctor_Name,Current_Case from Doctor group by Doctor_Name,current_case;
```

136 %

Results | Messages

	Doctor_Name	Current_Case
1	Abhishek Kumar	Covid
2	atma ram Kumar	Covid
3	atma ram singh	Covid
4	Champak lal Kumar	Covid
5	Champak lal singh	Covid
6	jetha lal Kumar	Covid
7	jetha lal singh	Covid
8	jignesh	Covid
9	jignesh Kumar	Covid
10	jignesh singh	Covid
11	mahesh	fever
12	rakesh	stomach ache

```sql
select DID,Doctor_Name,Current_Case from Doctor group by Doctor_Name,current_case,DID order by DID desc;
```

136 %

🞖 Results 🞖 Messages

	DID	Doctor_Name	Current_Case
1	20	Saiman Kumar	Covid
2	19	Ranveer singh	Covid
3	18	Ranveer Kumar	Covid
4	17	Champak lal singh	Covid
5	16	Champak lal Kumar	Covid
6	15	atma ram singh	Covid
7	14	atma ram Kumar	Covid
8	13	jetha lal singh	Covid
9	12	jetha lal Kumar	Covid
10	11	jignesh singh	Covid
11	10	jignesh Kumar	Covid
12	9	jignesh	Covid
13	8	rakesh singh	fever
14	7	suresh singh	fever

```sql
select DID,Doctor_Name,Current_Case from Doctor group by Doctor_Name,current_case,DID order by Doctor_Name;
```

136 %

Results | **Messages**

	DID	Doctor_Name	Current_Case
1	1	Abhishek Kumar	Covid
2	14	atma ram Kumar	Covid
3	15	atma ram singh	Covid
4	16	Champak lal Kumar	Covid
5	17	Champak lal singh	Covid
6	12	jetha lal Kumar	Covid
7	13	jetha lal singh	Covid
8	9	jignesh	Covid
9	10	jignesh Kumar	Covid
10	11	jignesh singh	Covid
11	6	mahesh	fever
12	2	rakesh	stomach ache

```sql
select Doctor_Name from Doctor except select Doctor_Name from Doctor where current_case = 'covid';
```

136 %

Results Messages

	Doctor_Name
1	mahesh
2	rakesh
3	rakesh Kumar
4	rakesh singh
5	suresh
6	suresh Kumar
7	suresh singh

```sql
select * from Doctor where exists(select DID from Doctor where DID < 7);
```

136 %

📊 Results 📋 Messages

	DID	Doctor_Name	Current_Case	DPhone_Number	Qualification	Salary	testcol
1	1	Abhishek Kumar	Covid	1111111111	lawyer	58001	NULL
2	2	rakesh	stomach ache	1111111112	lawyer	58002	NULL
3	3	suresh	stomach ache	1111111113	lawyer	58003	NULL
4	4	rakesh Kumar	common cold	1111111114	businessman	58004	NULL
5	5	suresh Kumar	common cold	1111111115	businessman	58005	NULL
6	6	mahesh	fever	1111111116	businessman	58006	NULL
7	7	suresh singh	fever	1111111117	businessman	58008	NULL
8	8	rakesh singh	fever	1111111118	businessman	58009	NULL
9	9	jignesh	Covid	1111111119	businessman	58003	NULL
10	10	jignesh Kumar	Covid	1111111120	businessman	58040	NULL
11	11	jignesh singh	Covid	1111111121	businessman	58200	NULL
12	12	jetha lal Kumar	Covid	1111111122	actor	68000	NULL

```sql
select * from Doctor where not exists(select DID from Doctor where DID > 25);
```

136 %

⊞ Results ▤ Messages

	DID	Doctor_Name	Current_Case	DPhone_Number	Qualification	Salary	testcol
1	1	Abhishek Kumar	Covid	1111111111	lawyer	58001	NULL
2	2	rakesh	stomach ache	1111111112	lawyer	58002	NULL
3	3	suresh	stomach ache	1111111113	lawyer	58003	NULL
4	4	rakesh Kumar	common cold	1111111114	businessman	58004	NULL
5	5	suresh Kumar	common cold	1111111115	businessman	58005	NULL
6	6	mahesh	fever	1111111116	businessman	58006	NULL
7	7	suresh singh	fever	1111111117	businessman	58008	NULL
8	8	rakesh singh	fever	1111111118	businessman	58009	NULL
9	9	jignesh	Covid	1111111119	businessman	58003	NULL
10	10	jignesh Kumar	Covid	1111111120	businessman	58040	NULL
11	11	jignesh singh	Covid	1111111121	businessman	58200	NULL
12	12	jetha lal Kumar	Covid	1111111122	actor	68000	NULL

```sql
select D1.Doctor_Name from Doctor D1 inner join Doctor D2 on D2.Current_Case='covid';
```

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⊞ Results   📄 Messages

	Doctor_Name
1	Abhishek Kumar
2	rakesh
3	suresh
4	rakesh Kumar
5	suresh Kumar
6	mahesh
7	suresh singh
8	rakesh singh
9	jignesh
10	jignesh Kumar
11	jignesh singh

```sql
select D1.Doctor_Name from Doctor D1 inner join Doctor D2 on D2.DID<5;
```

136 %

Results | Messages

	Doctor_Name
1	Abhishek Kumar
2	rakesh
3	suresh
4	rakesh Kumar
5	suresh Kumar
6	mahesh
7	suresh singh
8	rakesh singh
9	jignesh
10	jignesh Kumar
11	jignesh singh
12	jetha lal Kumar
13	jetha lal singh

```sql
select D1.Doctor_Name from Doctor D1 inner join Doctor D2 on D2.Salary > 65000;
```

136 %

⊞ Results 📄 Messages

	Doctor_Name
1	Abhishek Kumar
2	rakesh
3	suresh
4	rakesh Kumar
5	suresh Kumar
6	mahesh
7	suresh singh
8	rakesh singh
9	jignesh
10	jignesh Kumar
11	jignesh singh
12	jetha lal Kumar
13	jetha lal singh

```sql
select D1.Doctor_Name from Doctor D1 join Doctor D2 on D2.DID<2;
```

136 % ▼

⊞ Results   📄 Messages

	Doctor_Name
1	Abhishek Kumar
2	rakesh
3	suresh
4	rakesh Kumar
5	suresh Kumar
6	mahesh
7	suresh singh
8	rakesh singh
9	jignesh
10	jignesh Kumar
11	jignesh singh
12	jetha lal Kumar
13	jetha lal singh

```sql
select D1.Doctor_Name from Doctor D1 join Doctor D2 on D2.Current_Case='stomach ache';
```

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⊞ Results ▓ Messages

	Doctor_Name
1	Abhishek Kumar
2	rakesh
3	suresh
4	rakesh Kumar
5	suresh Kumar
6	mahesh
7	suresh singh
8	rakesh singh
9	jignesh
10	jignesh Kumar
11	jignesh singh