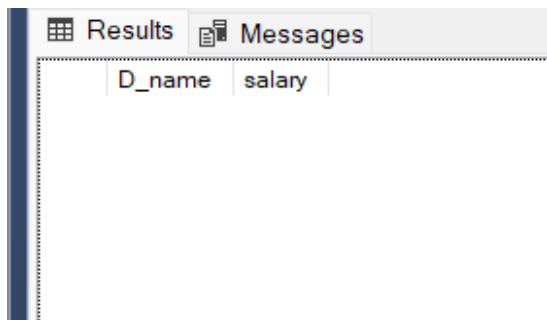


Name – Nitin Kr. Sharma
Reg no – 12006550
Roll no – A14
Faculty – Anita Sharma

```
-- Query no 1 --  
-- Table Creating done -
```

```
-- Query no 2 --  
select D_name, salary from Doctor as d  
inner join Patient as p  
on d.D_id = p.P_id  
where salary > 30000 and Dues < 10000  
order by salary DESC
```

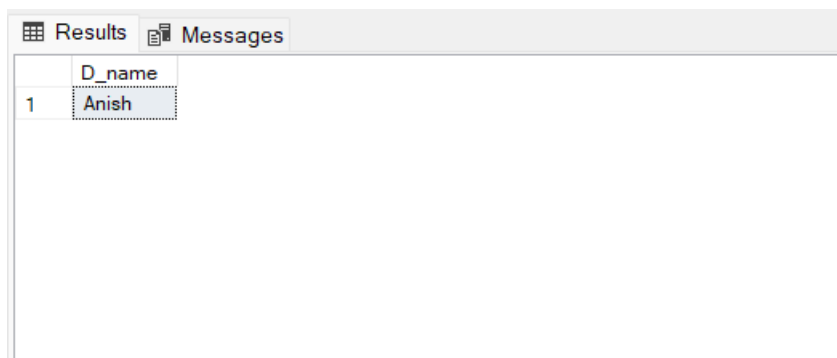
Output -



D_name	salary
--------	--------

```
-- Query no 3 --  
select D_name from Doctor  
where specialist_in = 'dentist'
```

Output -



D_name
1 Anish

```
-- Query no 4 --
select * from Patient
where D_id in (select D_id from Doctor where D_id = 103);
```

Output -

Results		Messages				
	P_id	P_name	Disease	Dues	city	D_id
1	203	Rajeev	cold	2000	jalandher	103

```
-- Query no 5 --
select * from Doctor as D
LEFT JOIN Patient as p on D.D_id = p.D_id
where p.D_id IS NULL
```

Output -

Results		Messages									
	D_id	D_name	salary	city	specialist_in	P_id	P_name	Disease	Dues	city	D_id
1	104	Lakshit	30000	jaipur	Dermatology	NULL	NULL	NULL	NULL	NULL	NULL

```
-- Query no 6 --
select * from Patient
where D_id is not null
```

Output -

Results		Messages				
	P_id	P_name	Disease	Dues	city	D_id
1	201	Manish	fever	1400	Solan	101
2	202	Manish	fever	5400	jaipur	102
3	203	Rajeev	cold	2000	jalandher	103
4	205	Anurag	eyesight	0	chandigarh	105

```
-- Query no 7 --
select * from Doctor as d
JOIN Patient as p on d.D_id = p.D_id
JOIN hospital_details as h
ON h.D_id = p.D_id;
```

Output -

Results		Messages														
	D_id	D_name	salary	city	specialist_in	P_id	P_name	Disease	Dues	city	D_id	H_id	H_name	locationn	found_in	D_id
1	101	Nitin	45000	Solan	Psychologist	201	Manish	fever	1400	Solan	101	301	Shivam Hospital	Himchal	2004	101
2	102	Anish	27000	leh	dentist	202	Manish	fever	5400	jaipur	102	302	om Hospital	Himchal	2006	102
3	103	Mohit	50000	jalandher	Ophthalmology	203	Rajeev	cold	2000	jalandher	103	303	City Hospital	Himchal	2014	103
4	105	Shivam	1000000	pune	Nephrology	205	Anurag	eyesight	0	chandigarh	105	305	Civil Hospital	Himchal	2222	105

```
-- Query no 8 --
select P_id, P_name from Patient
where D_id not in (select D_id from Doctor where D_id = 103);
```

Output -

Results		Messages				
	P_id	P_name				
1	201	Manish				
2	202	Manish				
3	205	Anurag				

```
-- Query no 9 --
```

```
UPDATE Doctor
SET salary = salary * 5
FROM Doctor d
```

```

left join Patient p
ON p.D_id = d.D_id
where p.Disease = 'corona'

```

Salary is increased from 2L to 5L

110 %

	D_id	D_name	salary	city	specialist_in
1	101	Nitin	45000	Solan	Psychologist
2	102	Anish	27000	leh	dentist
3	103	Mohit	50000	jalandher	Ophthalmology
4	104	Lakshit	30000	jaipur	Dermatology
5	105	Shivam	1000000	pune	Nephrology

```

-- Query no 10 --
delete from Patient
where D_id in (select D_id from Doctor where D_id = 104);

```

Table after deleting the data

	P_id	P_name	Disease	Dues	city	D_id
1	201	Manish	fever	1400	Solan	101
2	202	Manish	fever	5400	jaipur	102
3	203	Rajeev	cold	2000	jalandher	103
4	205	Anurag	eyesight	0	chandigarh	105

```

-- Query no 11 --
create view view_4 as
SELECT D_name , count(Patient.D_id)
FROM Doctor, Patient
where Doctor.D_id=Patient.D_id
GROUP BY Doctor.D_name
HAVING COUNT(Patient.P_id)>=2

```

-- Query no 12 --

```
create view view_4 as
SELECT D_name , count(Patient.D_id)
FROM Doctor, Patient
where Doctor.D_id=Patient.D_id
GROUP BY Doctor.D_name
HAVING COUNT(Patient.P_id)>0
```