

SELECT empid FROM emp WHERE CAST (hiredate AS DATE)='19/10/1998';

The screenshot shows the pgAdmin 4 web interface in a browser. The left sidebar displays the database structure, with the 'emp' table under the 'public' schema selected. The main pane shows the 'Query Editor' with the following SQL query:

```
1 SELECT empid FROM emp WHERE CAST ( hiredate AS DATE )='19/10/1998';
```

Below the query editor, the 'Data Output' tab is active, displaying the results of the query in a table:

empid	[PK] integer
1	2

The bottom status bar indicates the system time as 01:23 on 08-12-2020.

SELECT empid,ename from emp WHERE empid

IN(SELECT empid FROM emp WHERE CAST(hiredate AS DATE)='19/10/1998');

The screenshot shows the pgAdmin 4 web interface. The left sidebar shows the 'emp' table selected. The main pane shows the 'Query Editor' with the following SQL query:

```
1 SELECT empid,ename from emp WHERE empid
2 IN( SELECT empid FROM emp WHERE CAST(hiredate AS DATE)='19/10/1998' );
```

Below the query editor, the 'Data Output' tab is active, displaying the results of the query in a table:

empid	[PK] integer	ename	character varying (50)
1	2	Ashish	

A green message box at the bottom right states: "Successfully run. Total query runtime: 114 msec. 1 rows affected."

The bottom status bar indicates the system time as 01:25 on 08-12-2020.

SELECT empid , ename FROM emp WHERE sal BETWEEN 2000 and 3000;

The screenshot shows the pgAdmin 4 interface. The left sidebar displays the database structure, with the 'emp' table selected under the 'public' schema. The main pane shows the 'Query Editor' with the following SQL query:

```
1 SELECT empid , ename FROM emp WHERE sal BETWEEN 2000 and 3000;
```

The 'Data Output' tab is active, displaying the results of the query in a table format:

empid [PK] integer	ename character varying (50)
1	5 Faizan
2	7 ashwini
3	8 Aditya
4	9 Shradha
5	12 Vishnu
6	13 Amruta
7	14 Vikram
8	15 Sonali

SELECT empid , ename FROM emp WHERE sal NOT BETWEEN 2000 and 3000;

The screenshot shows the pgAdmin 4 interface. The left sidebar displays the database structure, with the 'emp' table selected under the 'public' schema. The main pane shows the 'Query Editor' with the following SQL query:

```
1 SELECT empid , ename FROM emp WHERE sal NOT BETWEEN 2000 and 3000;
```

The 'Data Output' tab is active, displaying the results of the query in a table format:

empid [PK] integer	ename character varying (50)
1	1 Mayur
2	2 Ashish
3	3 mayur
4	4 Saniket
5	6 Ashish
6	10 Akshay
7	11 Varsha

SELECT empid, ename FROM emp WHERE ename LIKE '%d%';

The screenshot shows the pgAdmin 4 interface. The left sidebar displays the database structure, with the 'emp' table under the 'public' schema selected. The main pane shows the 'Query Editor' with the following SQL query:

```
1 SELECT empid, ename FROM emp WHERE ename LIKE '%d%';
```

Below the query editor, the 'Data Output' tab is active, displaying the results of the query in a table:

empid [PK] integer	ename character varying (50)
1	Aditya
2	Shradha

The Windows taskbar at the bottom shows the time as 01:31 on 08-12-2020.

SELECT empid, ename FROM emp WHERE ename LIKE 'M%';

The screenshot shows the pgAdmin 4 interface. The left sidebar displays the database structure, with the 'emp' table under the 'public' schema selected. The main pane shows the 'Query Editor' with the following SQL query:

```
1 SELECT empid, ename FROM emp WHERE ename LIKE 'M%';
```

Below the query editor, the 'Data Output' tab is active, displaying the results of the query in a table:

empid [PK] integer	ename character varying (50)
1	Mayur

The Windows taskbar at the bottom shows the time as 01:32 on 08-12-2020.

SELECT empid, ename FROM emp WHERE ename LIKE '_s%';

The screenshot shows the pgAdmin 4 web interface. The left sidebar displays the database structure, including the 'emp' table under the 'public' schema. The main pane shows the 'Query Editor' with the following SQL query:

```
1 SELECT empid, ename FROM emp WHERE ename LIKE '_s%';
```

The 'Data Output' tab is active, displaying the results of the query in a table:

empid [PK] integer	ename character varying (50)
1	2 Ashish
2	6 Ashish
3	7 ashwini

The bottom status bar indicates the time is 01:36 on 08-12-2020.

SELECT empid, ename FROM emp WHERE ename LIKE '%_';

The screenshot shows the pgAdmin 4 web interface. The left sidebar displays the database structure, including the 'emp' table under the 'public' schema. The main pane shows the 'Query Editor' with the following SQL query:

```
1 SELECT empid, ename FROM emp WHERE ename LIKE '%_';
```

The 'Data Output' tab is active, displaying the results of the query in a table:

empid [PK] integer	ename character varying (50)
1	1 Mayur
2	2 Ashish
3	3 mayur
4	4 Sanket
5	5 Faizan
6	6 Ashish
7	7 ashwini
8	8 Aditya
9	9 Shradhha
10	10 Akshay
11	11 Varsha
12	12 Vishnu
13	13 Amruta

The bottom status bar indicates the time is 01:38 on 08-12-2020.

SELECT empid, ename FROM emp WHERE ename LIKE '%_nk%' ;

The screenshot shows the pgAdmin 4 web interface in a browser. The left sidebar displays the database structure, including the 'emp' table under the 'public' schema. The main window is divided into a 'Query Editor' and a 'Data Output' pane. The query editor contains the following SQL statement:

```
1 SELECT empid, ename FROM emp WHERE ename LIKE '%_nk%' ;
```

The 'Data Output' pane shows the results of the query in a table format:

empid	ename
1	Saniket

The interface also includes a 'Query History' pane and a 'Scratch Pad' pane. The bottom status bar shows the time as 01:39 on 08-12-2020.

SELECT empid, ename FROM emp WHERE ename ILIKE '%YuR%' ;

The screenshot shows the pgAdmin 4 web interface in a browser. The left sidebar displays the database structure, including the 'emp' table under the 'public' schema. The main window is divided into a 'Query Editor' and a 'Data Output' pane. The query editor contains the following SQL statement:

```
1 SELECT empid, ename FROM emp WHERE ename ILIKE '%YuR%' ;
```

The 'Data Output' pane shows the results of the query in a table format:

empid	ename
1	Mayur
2	mayur

The interface also includes a 'Query History' pane and a 'Scratch Pad' pane. The bottom status bar shows the time as 01:40 on 08-12-2020.

```
CREATE TABLE contacts (id INT ,first_name VARCHAR(50)
```

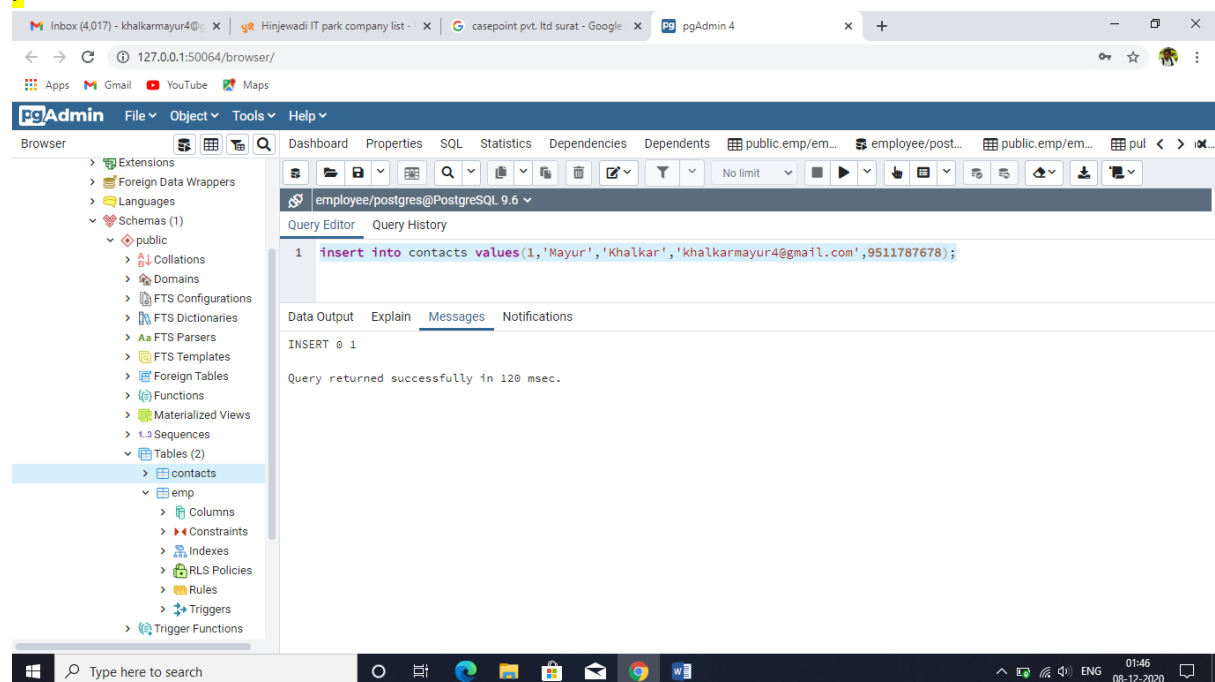
```
NOT NULL , Last_name VARCHAR(50) NOT NULL ,email VARCHAR(25)
```

```
NOT NULL ,phone VARCHAR(15) ,PRIMARY KEY(id));
```

```
insert into contacts
```

```
values(1,'Mayur','Khalkar','khalkarmayur4@gmail.com',9511787678)
```

```
;
```



insert into con

values(2,'Ashish','gaikwad','khalkarmayur4@gmail.com',NULL);

The screenshot shows the pgAdmin 4 web interface in a browser. The left sidebar displays the database structure: PostgreSQL 9.6 > Databases (3) > employee > Tables (2) > emp. The main pane shows the 'Query Editor' with the following SQL query:

```
1 insert into con values(2,'Ashish','gaikwad','khalkarmayur4@gmail.com',NULL);
```

Below the query editor, the 'Messages' tab is active, showing the execution result:

```
INSERT 0 1
Query returned successfully in 97 msec.
```

SELECT id,first_name,last_name,email,phone FROM con WHERE
phone IS NULL;

The screenshot shows the pgAdmin 4 web interface. The left sidebar is the same as the previous image. The main pane shows the 'Query Editor' with the following SQL query:

```
1 SELECT id,first_name,last_name,email,phone FROM con WHERE phone IS NULL;
```

Below the query editor, the 'Data Output' tab is active, displaying the results of the query in a table:

id	first_name	last_name	email	phone
1	Mayur	Khalkar	khalkarmayur4@gmail.com	[null]
2	Ashish	gaikwad	khalkarmayur4@gmail.com	[null]

SELECT id,first_name,last_name,email,phone FROM con WHERE
phone IS NOT NULL;

Browser: 127.0.0.1:50064/browser/

pgAdmin 4

File Object Tools Help

Servers (1)
PostgreSQL 9.6
Databases (3)
employee

Query Editor Query History

1 SELECT id,first_name,last_name,email,phone FROM con WHERE phone IS NOT NULL;

Data Output Explain Messages Notifications

id	first_name	last_name	email	phone
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Successfully run. Total query runtime: 204 msec. 0 rows affected.