








Student_data Table

Data Output		Explain	Messages	Notifications			
	id [PK] integer 	fname text 	lname text 	email text 	per integer 	p_year integer 	
1	1	Mayur	Khalkar	khalkarm...	75	2014	
2	2	Sanket	Nimase	sanketni...	76	2016	
3	3	Ashish	Gaikwad	ashishga...	85	2014	
4	4	Amruta	Nangare	amrutan...	65	2016	
5	5	Varsha	Sangale	sangalev...	76	2018	
6	6	Shraddha	Jadhav	jadhavsh...	85	2013	

`select fname,lname,email from student_data where per=76;`

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

```
1 select fname,lname,email from student_data where per=76;
```

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

	fname	lname	email
1	Sanket	Nimase	sanketni...
2	Varsha	Sangale	sangalev...

A green status bar at the bottom right indicates: 'Successfully run. Total query runtime: 129.msec. 2 rows affected.'

select fname,lname,email from student_data where fname='Mayur';

The screenshot shows the pgAdmin 4 web interface in a browser. The left sidebar displays the database structure, with 'student_data' selected under 'Tables (2)'. The 'Query Editor' tab is active, showing the SQL query: `select fname,lname,email from student_data where fname='Mayur';`. The 'Data Output' tab shows the results of the query in a table format.

fname	lname	email
Mayur	Khalkar	khalkarmayur4@gmail.com

The interface also includes a 'Scratch Pad' tab and a status bar at the bottom showing the system time as 17:43 on 04-12-2020.

select fname,lname,email from student_data where per>76;

The screenshot shows the pgAdmin 4 web interface with the same database structure. The 'Query Editor' tab displays the SQL query: `select fname,lname,email from student_data where per>76;`. The 'Data Output' tab shows the results of the query, listing two students whose percentage is greater than 76.

fname	lname	email
Ashish	Gaikwad	ashishgaikwad781@gmail.com
Shraddha	Jadhav	jadhavshraddha75@gmail.com

The interface includes a 'Scratch Pad' tab and a status bar at the bottom showing the system time as 17:44 on 04-12-2020.

select fname,lname,email from student_data where fname like 'A%';

The screenshot shows the pgAdmin 4 web interface. The browser tab is labeled 'pgAdmin 4'. The left sidebar shows the database structure, with 'student_data' selected under 'Tables (2)'. The main pane displays the 'Query Editor' with the following SQL query:

```
1 select fname,lname,email from student_data where fname like 'A%';
2
```

The 'Data Output' tab shows the results of the query:

	fname text	lname text	email text
1	Ashish	Gaikwad	ashishgaikwad781@gmail.com
2	Amruta	Nangare	amrutanangare123@gmail.com

The interface also includes a 'Scratch Pad' and a 'Data Output' section. The Windows taskbar at the bottom shows the date as 04-12-2020 and the time as 17:47.

The screenshot shows the pgAdmin 4 web interface. The browser tab is labeled 'pgAdmin 4'. The left sidebar shows the database structure, with 'student_data' selected under 'Tables (2)'. The main pane displays the 'Query Editor' with the following SQL query:

```
1 select fname,lname,email from student_data where fname like 'As%';
2
```

The 'Data Output' tab shows the results of the query:

	fname text	lname text	email text
1	Ashish	Gaikwad	ashishgaikwad781@gmail.com

The interface also includes a 'Scratch Pad' and a 'Data Output' section. A green message box at the bottom right states: 'Successfully run. Total query runtime: 105.msec. 1 rows affected.' The Windows taskbar at the bottom shows the date as 04-12-2020 and the time as 17:47.

select fname,lname,email from student_data where fname =
'Amruta' AND lname ='Nangare';

The screenshot shows the pgAdmin 4 web interface. The left sidebar displays the database structure, with 'student_data' selected under 'Tables (2)'. The main pane shows the 'Query Editor' with the following SQL query:

```
1 select fname,lname,email from student_data where fname = 'Amruta' AND lname ='Nangare';
```

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

fname	lname	email
Amruta	Nangare	amrutanangare123@gmail.com

The interface also includes a 'Scratch Pad' and an 'Activate Windows' watermark.

select fname,lname,email from student_data where fname =
'Amruta' OR lname ='Khalkar';

The screenshot shows the pgAdmin 4 web interface. The left sidebar displays the database structure, with 'student_data' selected under 'Tables (2)'. The main pane shows the 'Query Editor' with the following SQL query:

```
1 select fname,lname,email from student_data where fname = 'Amruta' OR lname ='Khalkar';
```

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

fname	lname	email
Mayur	Khalkar	khalkarmayur4@gmail.com
Amruta	Nangare	amrutanangare123@gmail.com

The interface also includes a 'Scratch Pad' and an 'Activate Windows' watermark.

select fname,lname,email from student_data where fname in('Mayur','Ashish','Sanket');

The screenshot shows the pgAdmin 4 web interface in a browser. The left sidebar displays the database structure, with 'student_data' selected under 'Tables (2)'. The 'Query Editor' tab is active, showing the SQL query: `select fname,lname,email from student_data where fname in('Mayur','Ashish','Sanket');`. The 'Data Output' tab shows the results of the query in a table with 3 rows and 3 columns: fname, lname, and email. A green message at the bottom right states: 'Successfully run. Total query runtime: 124.msec. 3 rows affected.'

fname	lname	email
Mayur	Khalkar	khalkarmayur4@gmail.com
Sanket	Nimase	sanketnimase99@gmail.com
Ashish	Gaikwad	ashishgaikwad781@gmail.com

select fname,lname,email from student_data where fname like 'As%';

The screenshot shows the pgAdmin 4 web interface. The 'Query Editor' tab displays the SQL query: `select fname,lname,email from student_data where fname like 'As%';`. The 'Data Output' tab shows the results, which are 1 row and 3 columns: fname, lname, and email. The result is: Ashish, Gaikwad, ashishgaikwad781@gmail.com.

fname	lname	email
Ashish	Gaikwad	ashishgaikwad781@gmail.com

select fname,lname,email from student_data where
length(fname)>5;

The screenshot shows the pgAdmin 4 interface. The Query Editor contains the following SQL query:

```
1 select fname,lname,email from student_data where length(fname)>5;
```

The Data Output tab displays the results of the query in a table with 5 rows and 3 columns: fname, lname, and email.

	fname	lname	email
1	Sanket	Nimase	sanketnimase99@gmail.com
2	Ashish	Gaikwad	ashishgaikwad781@gmail.c...
3	Amruta	Nangare	amrutanangare123@gmail...
4	Varsha	Sangale	sangalevarsha04@gmail.com
5	Shradha	Jadhav	jadhavshradha75@gmail.c...

select fname,lname,email,length(fname)length_fname from
student_data where length(fname)>=5;

The screenshot shows the pgAdmin 4 interface. The Query Editor contains the following SQL query:

```
1 select fname,lname,email,length(fname)length_fname from student_data where length(fname)>=5;
```

The Data Output tab displays the results of the query in a table with 6 rows and 4 columns: fname, lname, email, and length_fname.

	fname	lname	email	length_fname
1	Mayur	Khalkar	khalkarmayur4@gmail.com	5
2	Sanket	Nimase	sanketnimase99@gmail.com	6
3	Ashish	Gaikwad	ashishgaikwad781@gmail.com	6
4	Amruta	Nangare	amrutanangare123@gmail.co...	6
5	Varsha	Sangale	sangalevarsha04@gmail.com	6
6	Shradha	Jadhav	jadhavshradha75@gmail.com	8

```
select fname,lname,email,length(fname)length_fname from
student_data where length(fname)>=7;
```

The screenshot shows the pgAdmin 4 web interface in a browser. The left sidebar displays the database structure, with 'student_data' selected under 'Tables (2)'. The main pane shows the 'Query Editor' with the following SQL query:

```
1 select fname,lname,email,length(fname)length_fname from student_data where length(fname)>=7;
```

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

	fname text	lname text	email text	length_fname integer
1	Shraddha	Jadhav	jadhavshraddha75@gmail.com	8

A status message at the bottom right indicates: 'Successfully run. Total query runtime: 129 msec. 1 rows affected.'

```
select fname,lname,email,length(fname)length_fname from
student_data where length(fname) between 6 and 10 order by
fname;
```

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

```
1 (fname)length_fname from student_data where length(fname) between 6 and 10 order by fname;
```

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

	fname text	lname text	email text	length_fname integer
1	Amruta	Nangare	amrutanangare123@gmail.co...	6
2	Ashish	Gaikwad	ashishgaikwad781@gmail.com	6
3	Sanket	Nimase	sanketnimase99@gmail.com	6
4	Shraddha	Jadhav	jadhavshraddha75@gmail.com	8
5	Varsha	Sangale	sangalevarsha04@gmail.com	6

An 'Activate Windows' watermark is visible in the bottom right corner of the interface.