

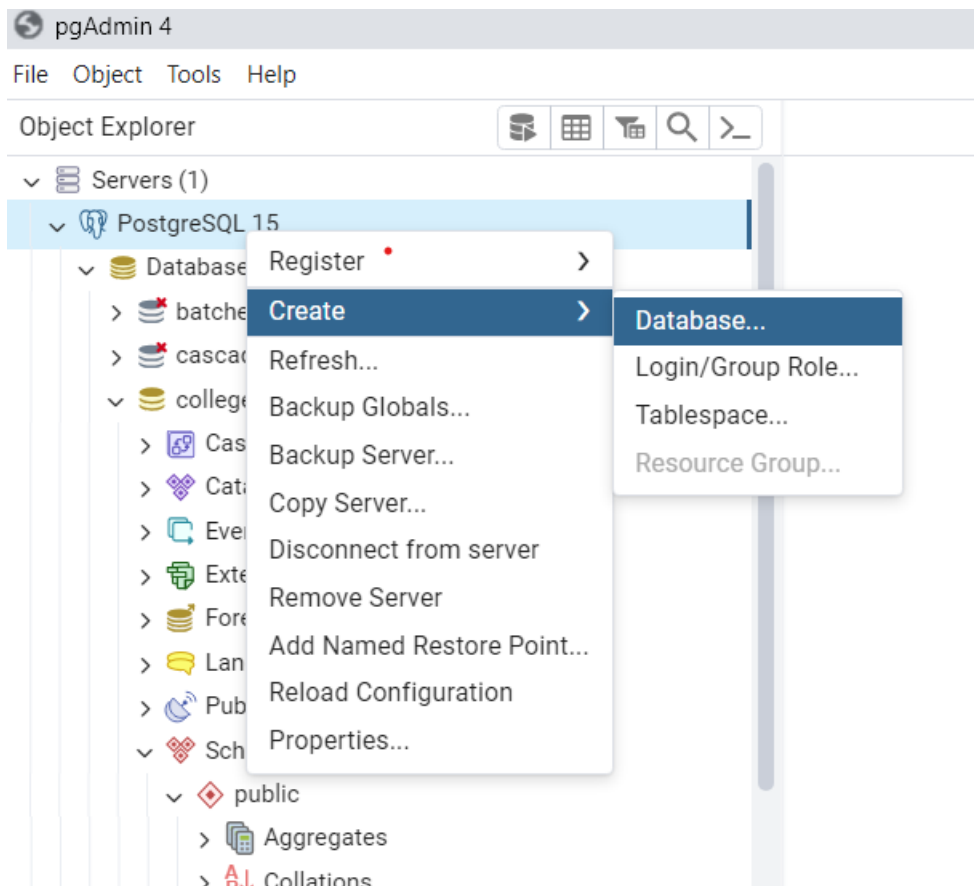
PostgreSql

How to create database: -

Step-1: open pgadmin

Step-2: click on servers

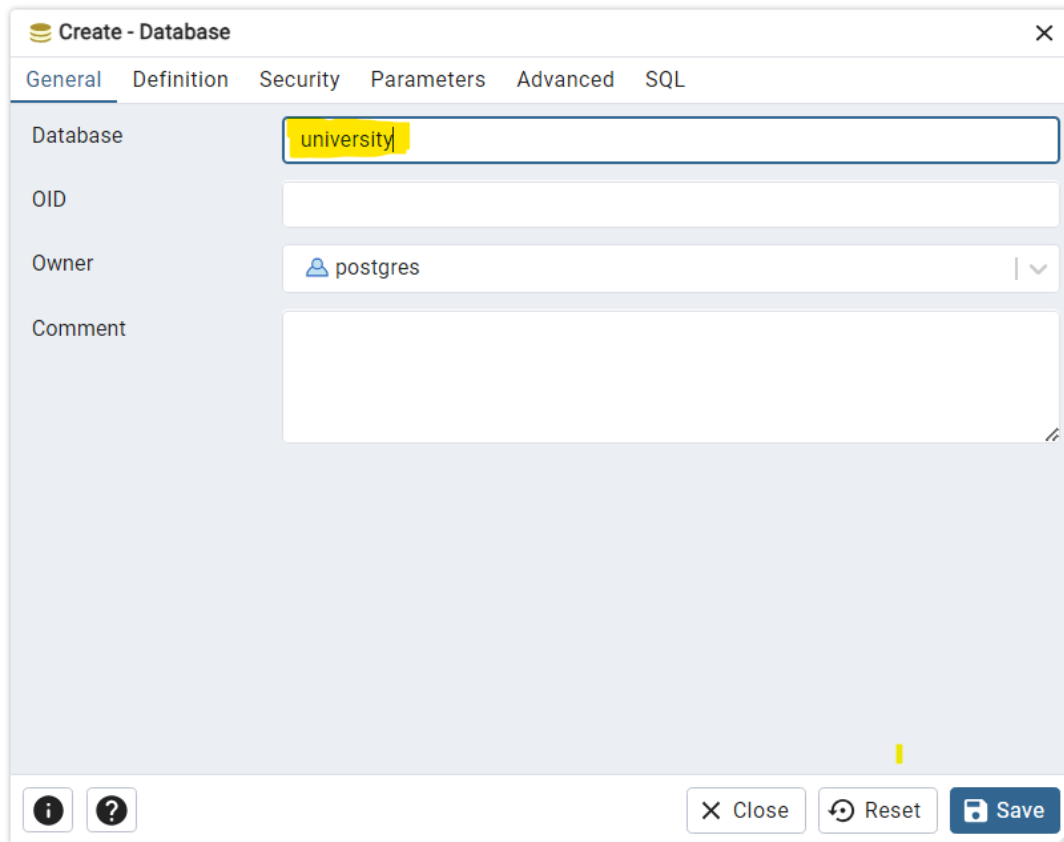
Step-3: enter password



Step-4: click on data-base

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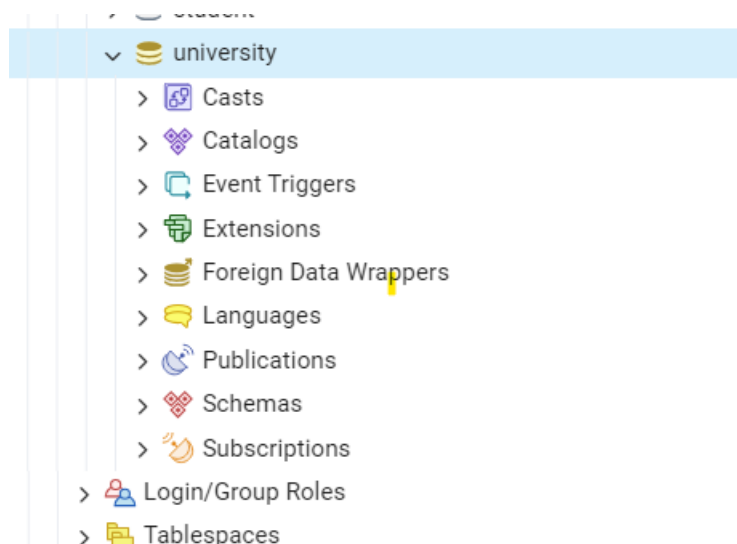
Step-5: provide database name whatever you want



The screenshot shows a 'Create - Database' dialog box with the following fields and options:

- Database:** A text input field containing 'university'.
- OID:** An empty text input field.
- Owner:** A dropdown menu showing 'postgres'.
- Comment:** A large empty text area.
- Buttons:** 'Close', 'Reset', and 'Save' buttons at the bottom right.

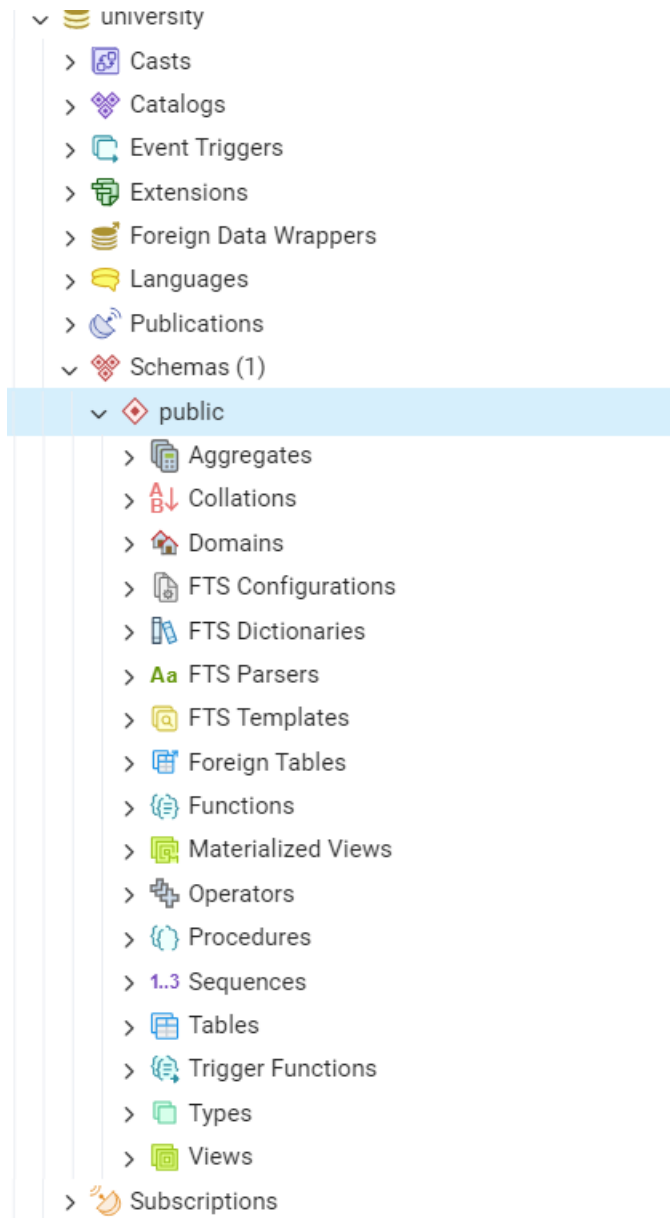
Step-6: click on save button



How to create table: -

Step:1 go to schemas

Step:2 click on public

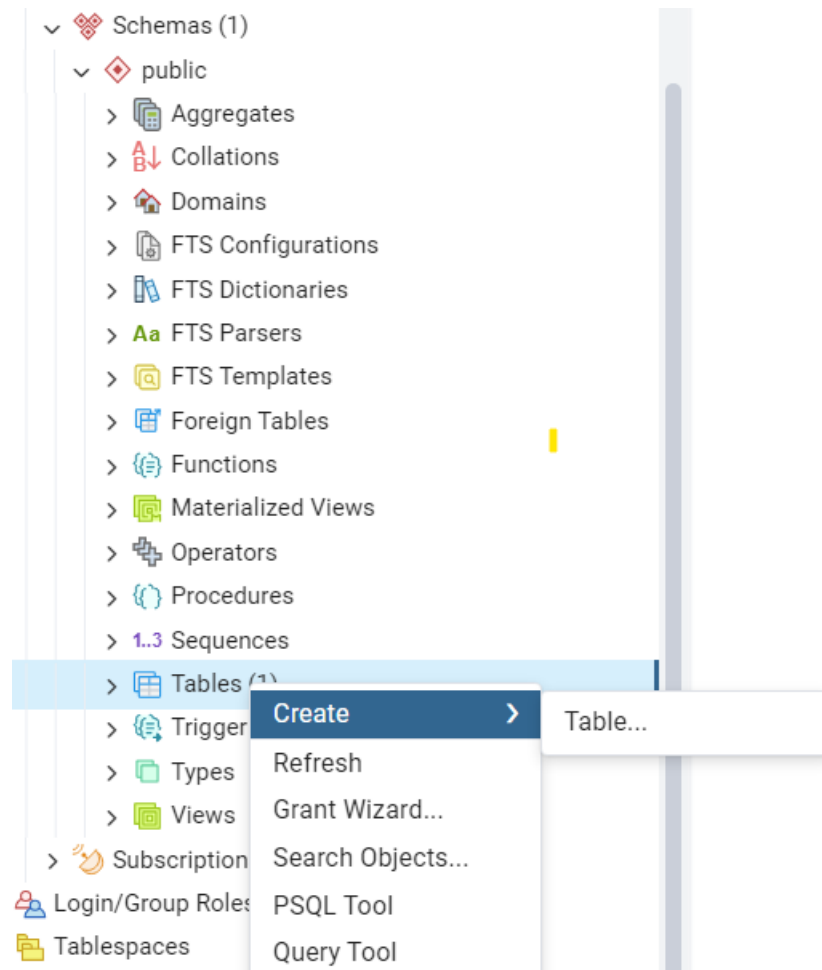


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Step:3 inside public we can have tables option, right click on tables.

Step:4 click on create

Step:5 click on table



PostgreSql

Step:6 give table name

Create - Table

General Columns Advanced Constraints Partitions Parameters Security SQL

Name: student

Owner: postgres

Schema: public

Tablespace: Select an item...

Partitioned table?: ☐

Comment:

Close Reset Save

Step:7 click on columns

Create - Table

General **Columns** Advanced Constraints Partitions Parameters Security SQL

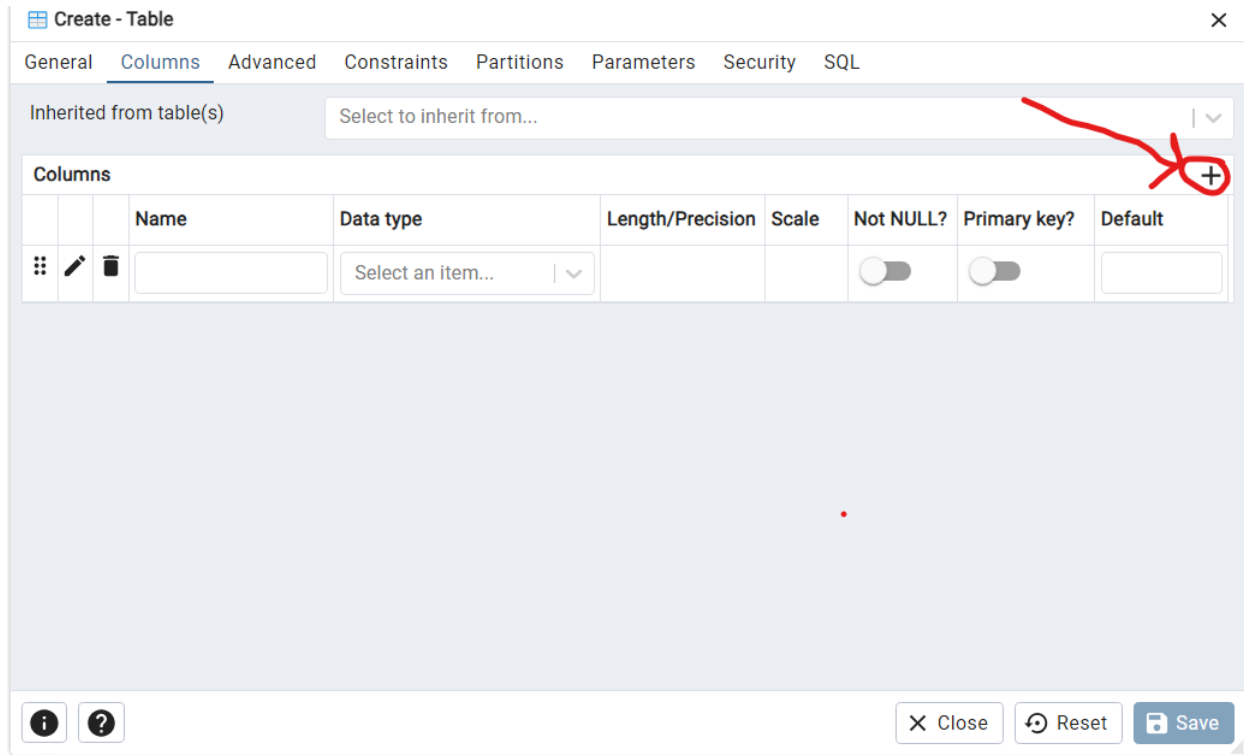
Inherited from table(s): Select to inherit from...

Name	Data type	Length/Precision	Scale	Not NULL?	Primary key?	Default
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Close Reset Save

PostgreSQL

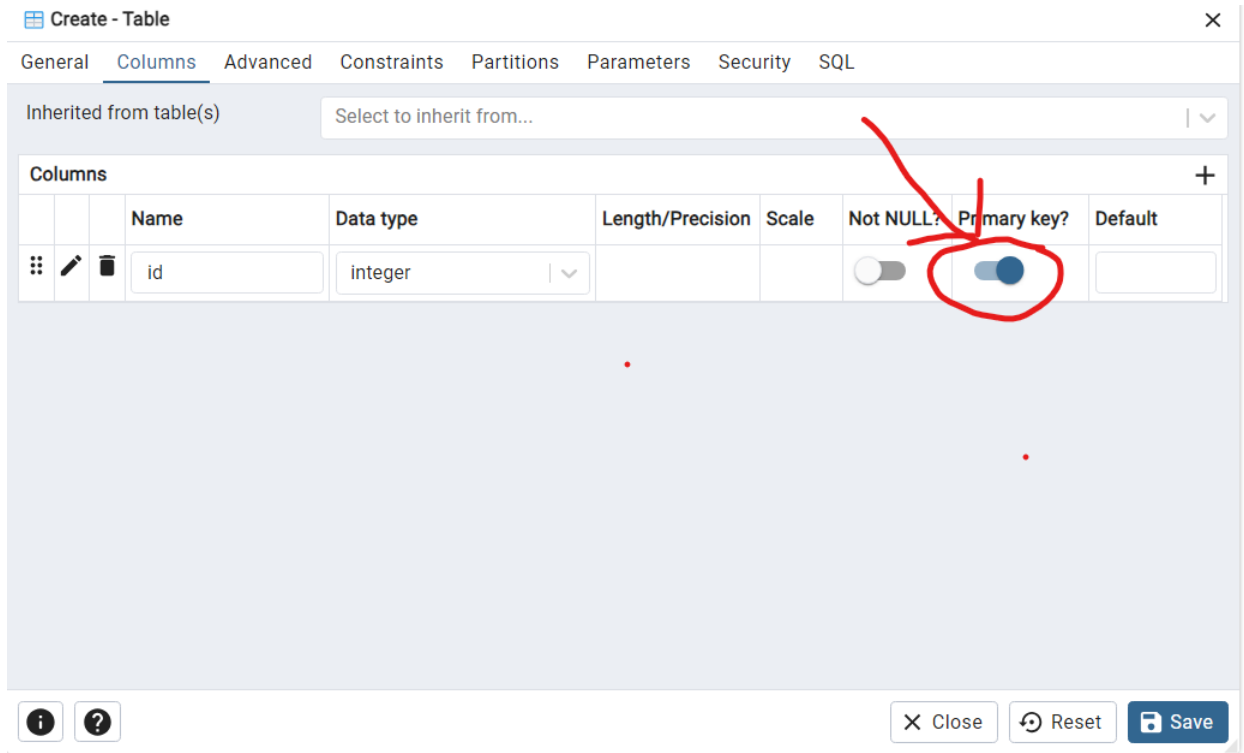
Step:8 click on + to add column to table.



The screenshot shows the 'Create - Table' dialog box with the 'Columns' tab selected. The 'Columns' section has a table with headers: Name, Data type, Length/Precision, Scale, Not NULL?, Primary key?, and Default. A red arrow points to a '+' button in the top right corner of the 'Columns' section.

	Name	Data type	Length/Precision	Scale	Not NULL?	Primary key?	Default
		Select an item...			<input type="checkbox"/>	<input type="checkbox"/>	

Step:9 provide name ,datatype and enable primary key for your first column



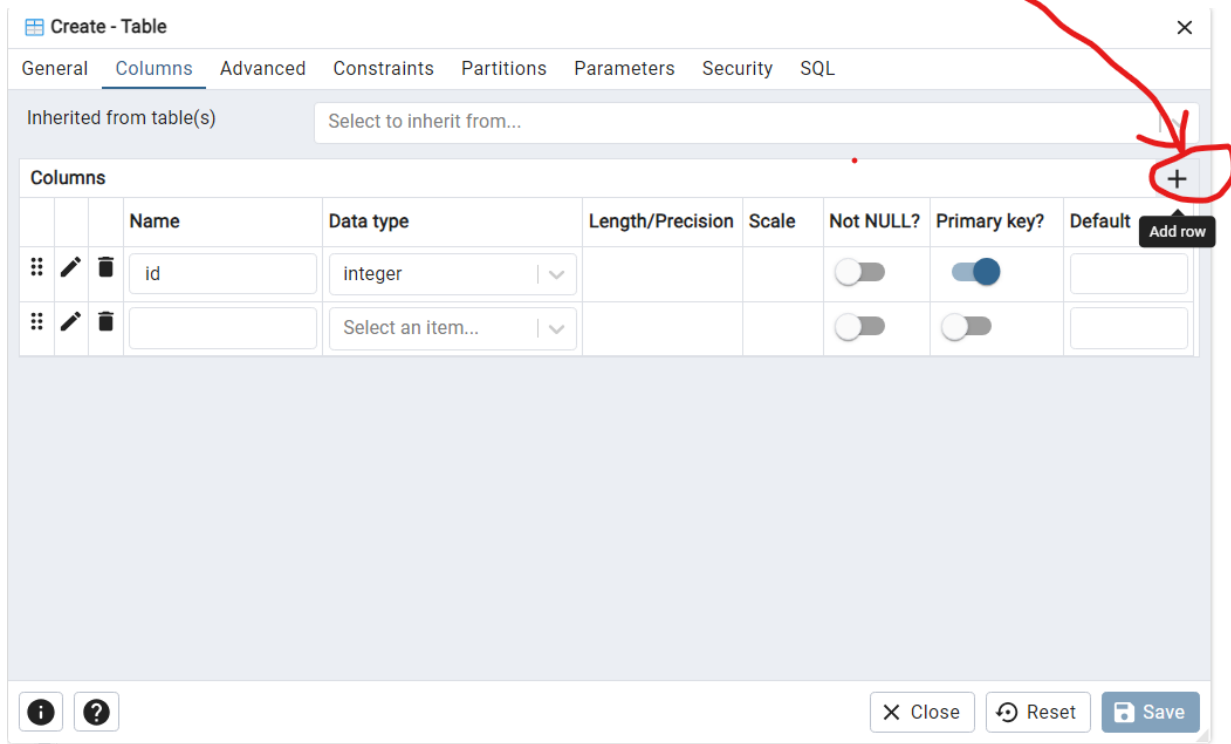
The screenshot shows the 'Create - Table' dialog box with the 'Columns' tab selected. The first column is named 'id' and has a data type of 'integer'. The 'Primary key?' toggle switch is turned on. A red arrow points to the 'Primary key?' toggle switch.

	Name	Data type	Length/Precision	Scale	Not NULL?	Primary key?	Default
	id	integer			<input type="checkbox"/>	<input checked="" type="checkbox"/>	

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Note:- I want to make id column as a primary key that's why we are enabled primary key, if you want to make any another column as primary key then we can make it

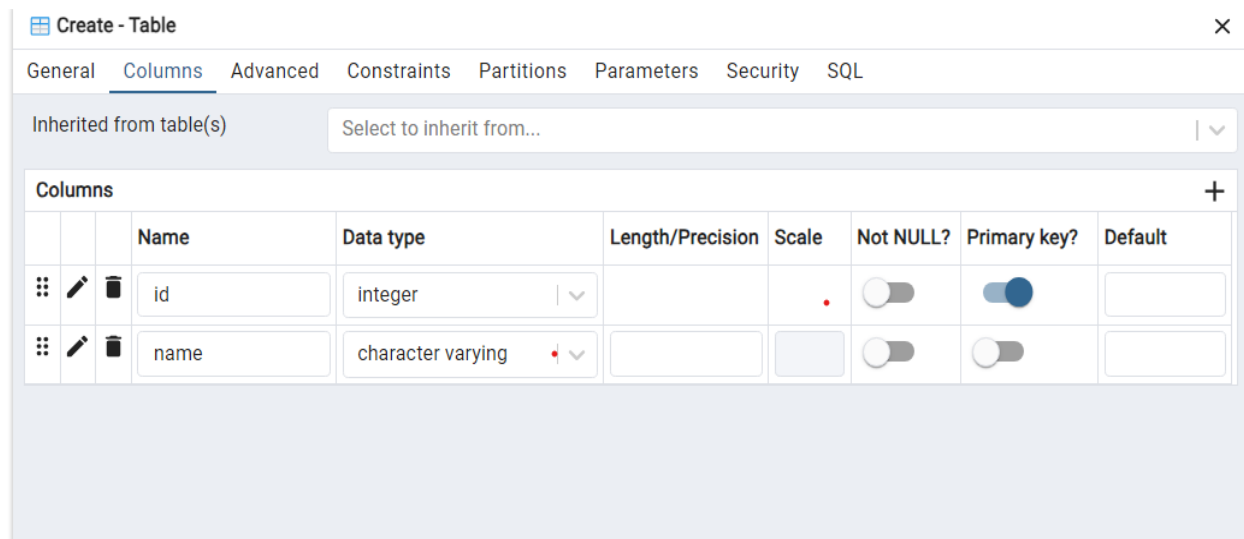
Step:10 again I want to add one more column again click on + symbol.



The screenshot shows the 'Create - Table' dialog box with the 'Columns' tab selected. The 'Columns' section has a table with two columns: 'id' and an empty row. The 'id' column has its 'Primary key?' toggle enabled. A red arrow points to the '+' button in the top right corner of the 'Columns' section, with a tooltip that says 'Add row'.

Name	Data type	Length/Precision	Scale	Not NULL?	Primary key?	Default
id	integer			<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	Select an item...			<input type="checkbox"/>	<input type="checkbox"/>	

Step:10 again provide name ,datatype for second column



The screenshot shows the 'Create - Table' dialog box with the 'Columns' tab selected. The 'Columns' section now has two columns: 'id' and 'name'. The 'id' column has its 'Primary key?' toggle enabled. The 'name' column has a data type of 'character varying'.

Name	Data type	Length/Precision	Scale	Not NULL?	Primary key?	Default
id	integer			<input type="checkbox"/>	<input checked="" type="checkbox"/>	
name	character varying			<input type="checkbox"/>	<input type="checkbox"/>	

PostgreSql

Step:10 again I want to add one more column again click on + symbol.

Create - Table

General Columns Advanced Constraints Partitions Parameters Security SQL

Inherited from table(s) Select to inherit from...

	Name	Data type	Length/Precision	Scale	Not NULL?	Primary key?	Default
	id	integer			<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	name	character varying			<input type="checkbox"/>	<input type="checkbox"/>	
		Select an item...			<input type="checkbox"/>	<input type="checkbox"/>	

+

Close Reset Save

Step:11 again provide name ,datatype for second column

Create - Table

General Columns Advanced Constraints Partitions Parameters Security SQL

Inherited from table(s) Select to inherit from...

	Name	Data type	Length/Precision	Scale	Not NULL?	Primary key?	Default
	id	integer			<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	name	character varying			<input type="checkbox"/>	<input type="checkbox"/>	
	marks	integer			<input type="checkbox"/>	<input type="checkbox"/>	

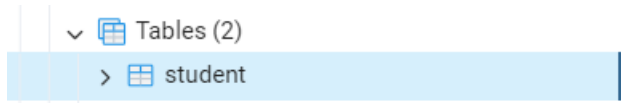
+

Close Reset Save

PostgreSql

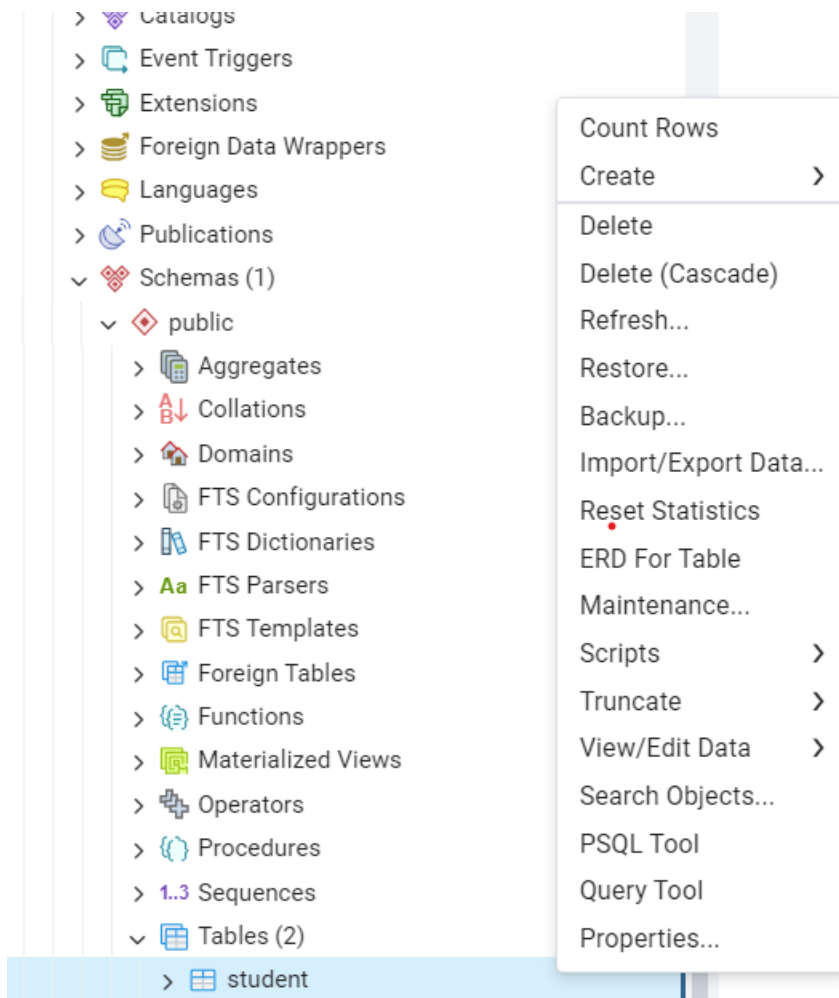
Note: based on the requirement how many column you want , you can add

Step:12 click on save button and table will be created with name of student



Step:13 how to check column are created or not

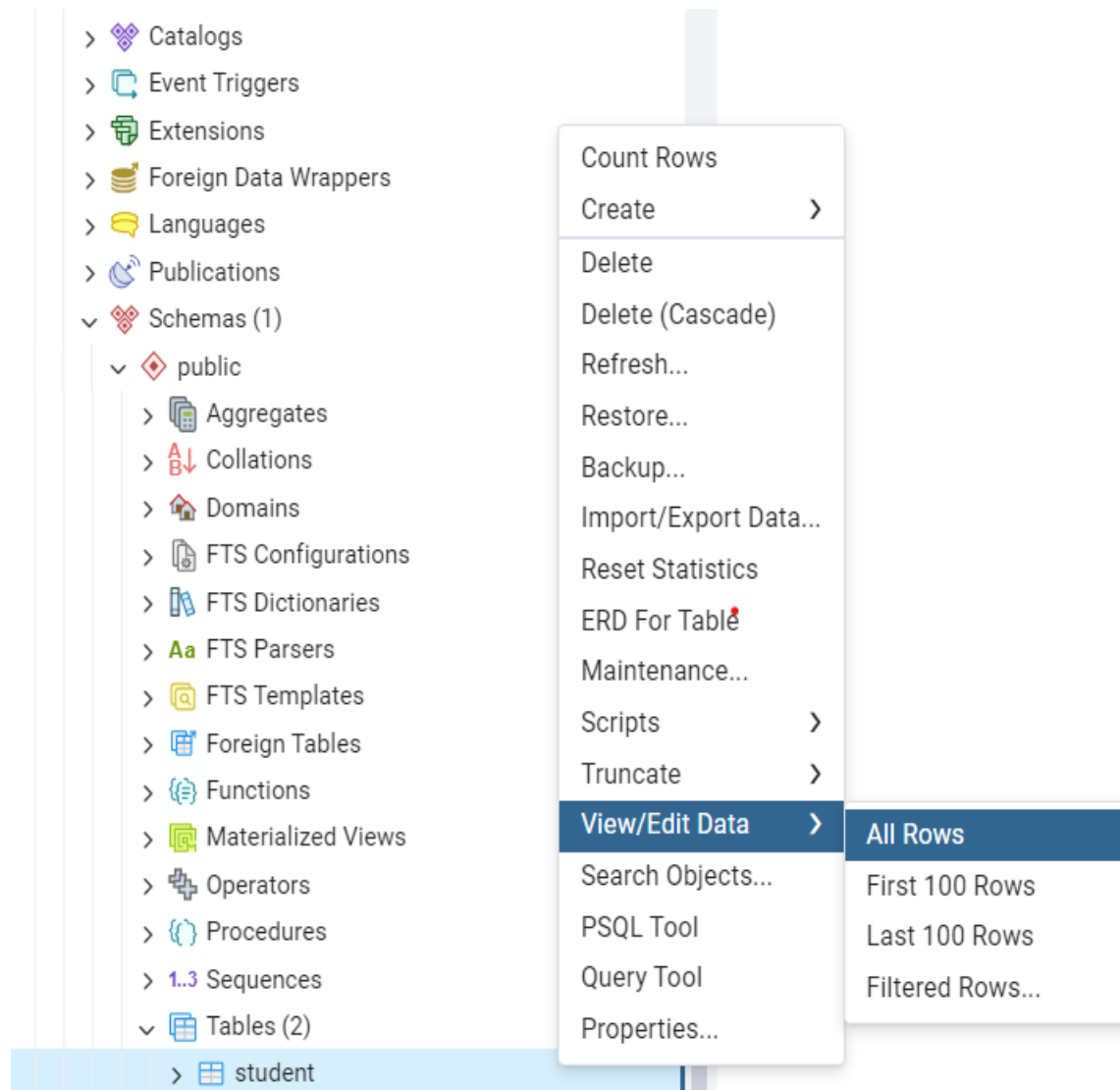
Step:14 right click on student



Step:15 click on view/edit data

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Step:16 click on all rows



PostgreSQL

Step:17 now we can see all the columns

The screenshot shows the PostgreSQL client interface. At the top, the connection string is 'public.student/university/postgres@PostgreSQL 15'. Below this is a toolbar with various icons for file operations, query execution, and settings. The main area displays a SQL query:

```
1 SELECT * FROM public.student
2 ORDER BY id ASC
```

Below the query editor, there are tabs for 'Data Output', 'Messages', and 'Notifications'. The 'Data Output' tab is active, showing a table with three columns: 'id' (integer, primary key), 'name' (character varying), and 'marks' (integer).

id	name	marks
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Note: if you can able to see above page then successfully you have created columns for student table

Whenever you want to create database or table , same procedure you have to follow.