

Lab-SERIAL fields / Auto Increment

Saturday, November 12, 2022 6:28 PM

Your answer is correct, score saved.

SERIAL fields / Auto increment

- In this assignment you will create a table, and the autograder will insert a few rows to test your schema.

Create a table named **automagic** with the following fields:

- An **id** field that is an auto incrementing serial field.
- A **name** field that allows up to 32 characters but no more This field is required. ([PostgreSQL Constraints](#))
- A **height** field that is a floating point number that is required.

When the table is created, check your answer.

- This was a tough assignment but really have to read between the lines here.
- We use this if your using python anywhere

Host:

Port:

Database:

User:

Password: ([hide/show copy](#))

Here is the the **psql** command to access your database:

```
psql -h pg.pg4e.com -p 5432 -U pg4e_d1fcd1185c pg4e_d1fcd1185c
```

- Here I am using dbeaver its cleaner so I prefer using this.

```

/*create table automagic (
  id serial primary key not null,
  name varchar(32),
  height float not null)*/
/*An id field that is an auto-incrementing serial field.
 * A name field that allows up to 32 characters but no more.
 * This field is required.
 * A height field that is a floating point number that is required
 * i.e. cannot be Null (not null)
 */
create table automagic(
  id serial primary key not null,
  name varchar(32),
  height float not null );

select * from automagic;

/*drop table automagic;*/

```

automagic 1 x

select * from automagic | Enter a SQL expression to filter results (use Ctrl+Space)

	id	name	height
1	1	Arthur Dent	160.0