

Komande koje koristim da pristupim bazi i vidim svoje tabele:

1. Navigirati se do bin foldera: `cd "C:\Program Files\PostgreSQL\18\bin"` (u mom slučaju)
2. Konektovati se : `psql -U postgres -p 5433` (pošto mi je port 5432 zauzet, potrebno je naglasiti port, u suprotnom je dovoljno `psql -U postgres`)
3. Unijeti šifru
4. Pristup bazi s intervjuja: `\c lineups_db` (prilagoditi naziv ako je drugačiji)
5. Izlistati sve tabele naredbom: `\dt`

Generalno, u tabeli Players se čuvaju igrači i sport kojem pripadaju (potrebno je prvo iz dropdowna odabrati sport, zatim je omogućen unos novog igrača). Tabela Lineups je za kreirani lineup, sadrži id i odabrani sport. Tabela lineup_players je potrebna zbog veze više-na-više između igrača i lineup-a te tabela player_stats služi da broji koliko puta je neki igrač bio uključen u lineup.

```
Administrator: Command Prompt - psql -U postgres -p 5433
Microsoft Windows [Version 10.0.22000.2538]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Administrator>cd "C:\Program Files\PostgreSQL\18\bin"

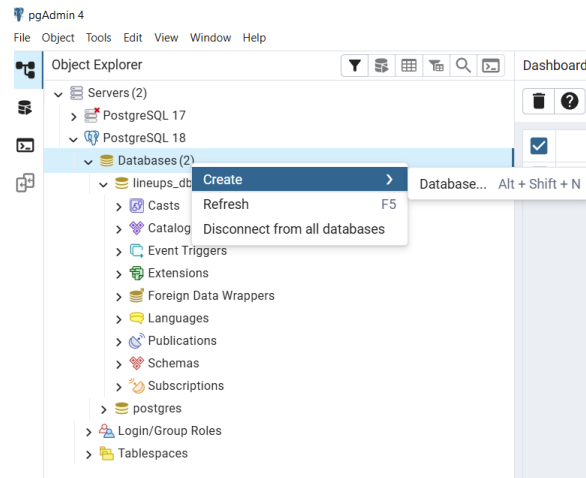
C:\Program Files\PostgreSQL\18\bin>psql -U postgres -p 5433
Password for user postgres:
psql (18.0)
WARNING: Console code page (437) differs from Windows code page (1252)
         8-bit characters might not work correctly. See psql reference
         page "Notes for Windows users" for details.
Type "help" for help.

postgres=# \c lineups_db
You are now connected to database "lineups_db" as user "postgres".
lineups_db=# \dt
          List of tables
Schema |      Name      | Type  | Owner
-----+-----+-----+-----
public | lineup_players | table | postgres
public | lineups        | table | postgres
public | player_stats   | table | postgres
public | players        | table | postgres
(4 rows)

lineups_db=#
```

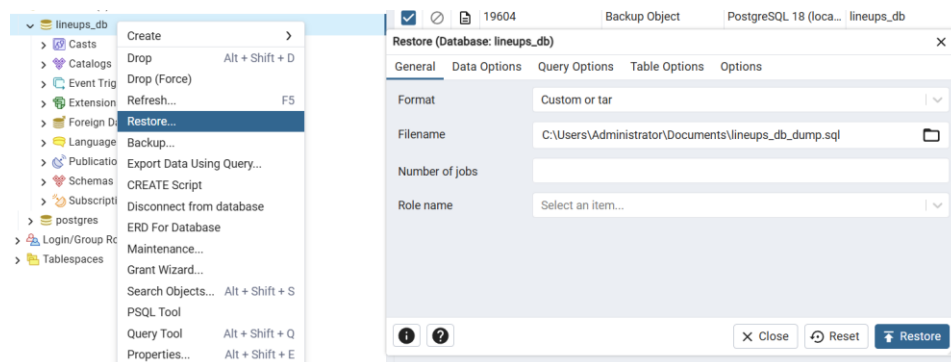
Kreiranje baze i import skripte:

Ukoliko koristite pg Admin:



Ili kroz CMD (prvi koraci konekcije su isti do 4. koraka koji onda treba da bude CREATE DATABASE lineups_db;).

Zatim, desni klik na napravljenu bazu i odabrati opciju **Restore** de odabrati file koji se nalazi na githubu: https://github.com/azunic3/team-lineup-builder/blob/main/lineups_db_dump.sql



Ili korištenjem cmd: `psql -U postgres -d lineups_db -f database/lineups_db_dump.sql`

Ukoliko skripta iz nekog razloga ne bude radila, onda molim Vas da pokrenete ove linije u cmd-u ili pg Adminu:

```
CREATE TABLE players (
  id SERIAL PRIMARY KEY,
  full_name VARCHAR(100) UNIQUE NOT NULL,
  sport VARCHAR(50) NOT NULL
);

CREATE TABLE lineups (
  id SERIAL PRIMARY KEY,
```

```
sport VARCHAR(50) NOT NULL  
);
```

```
CREATE TABLE lineup_players (  
    id SERIAL PRIMARY KEY,  
    lineup_id INTEGER REFERENCES lineups(id) ON DELETE CASCADE,  
    player_id INTEGER REFERENCES players(id) ON DELETE CASCADE  
);
```

```
CREATE TABLE player_stats (  
    player_id INTEGER PRIMARY KEY REFERENCES players(id),  
    count INTEGER DEFAULT 0  
);
```

Te da dodate nekoliko redova kako dropdown ne bi bili prazni:

```
INSERT INTO players (full_name, sport) VALUES  
('Aaron Rodgers', 'Football'),  
('Babe Ruth', 'Baseball'),  
('Edin Dzeko', 'Football'),  
('Luka Doncic', 'Basketball'),  
('LeBron James', 'Basketball');  
INSERT INTO lineups (sport) VALUES ('Football');  
INSERT INTO lineup_players (lineup_id, player_id) VALUES  
(1, 1),  
(1, 3);  
  
INSERT INTO player_stats (player_id, count) VALUES  
(1, 3),
```

(3, 5),

(4, 2),

(5, 4);

****Note:** znam naravno da nikako nije dobra praksa na github push-ati detalje za pristup bazi kao što sam ja uradila s .env fileom, ovo je samo zbog nedostatka vremena i jer baza nije deployed.

Ovo je bio moj .env file, potrebno ga je prilagoditi s Vašom šifrom i portom

PGHOST=localhost

PGPORT=5433

PGUSER=postgres

PGPASSWORD=your_password

PGDATABASE=lineups_db

Dakle, oba dropdown-a dobivaju podatke iz baze (Available players su sortirani prema sportu). Nakon što se doda novi igrač kroz input polje, on se prikazuje i u dropdown-u. Trebalo bi izgledati kao na screenshotu koji šaljem u prilogu.



Team Lineup Builder

Create and submit your custom sports lineup.

Select Sport
Football

Add Player
Enter player full name... +

Available Players
Aaron Rodgers
Aaron Rodgers
Igrac Smith
Joe Montana
leo messi
miralem pjanic
Patrick Mahomes
Peyton Manning
proba test
ronaldo crist
Tom Brady

7	ross geillier	5
8	joe novopr	4
9	miralem pjanic	3
10	edin dzako	2