Atlan Backend Challenge

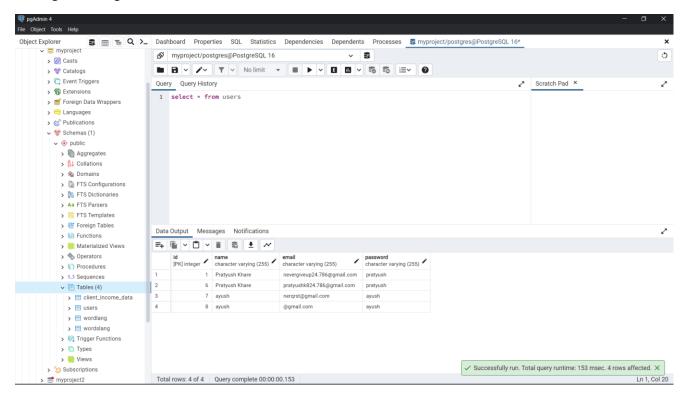
Design Specification

```
atlanDB.sql
      -- Table to store client income data
      CREATE TABLE client income data (
         client id SERIAL PRIMARY KEY,
         client email VARCHAR(255),
         client name VARCHAR(255),
         income per annum INT,
         savings per annum INT,
         mobile number VARCHAR(10)
      );
      -- Table to store word mappings to languages
      CREATE TABLE wordlang (
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        word ID SERIAL PRIMARY KEY,
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        word VARCHAR(255) UNIQUE,
 13
        lang VARCHAR(2)
      );
 15
17
      -- Table to store word mappings to slangs
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      CREATE TABLE wordslang (
 19
        lang ID VARCHAR(2),
        word VARCHAR(255),
 21
       slang VARCHAR(255),
 22
       PRIMARY KEY (lang ID, word),
      FOREIGN KEY (word) REFERENCES wordlang(word)
 23
 24
      );
 25
      INSERT INTO wordlang (word, lang) VALUES
          ('Hello', 'HI');
      INSERT INTO wordslang (lang_ID, word, slang) VALUES
 29
          ('HI', 'Hello', 'Namaste');
 31
 32
      CREATE TABLE IF NOT EXISTS users (
          id SERIAL PRIMARY KEY,
          name VARCHAR(255) NOT NULL,
          email VARCHAR(255) UNIQUE NOT NULL,
          password VARCHAR(255) NOT NULL
      );
```

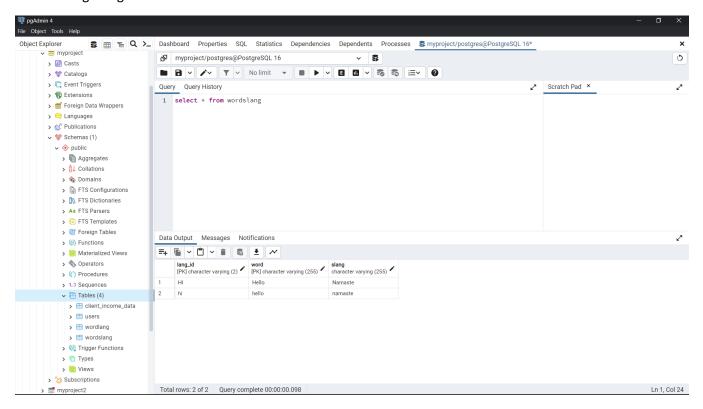
These SQL queries need to be run in the PgAdmin SQL query tool under the database with the following information

```
const pool = new Pool({
   host: 'localhost',
   user: 'myproject',
   password: 'pratyush',
   port: 5433,
   database: 'myproject'
});
```

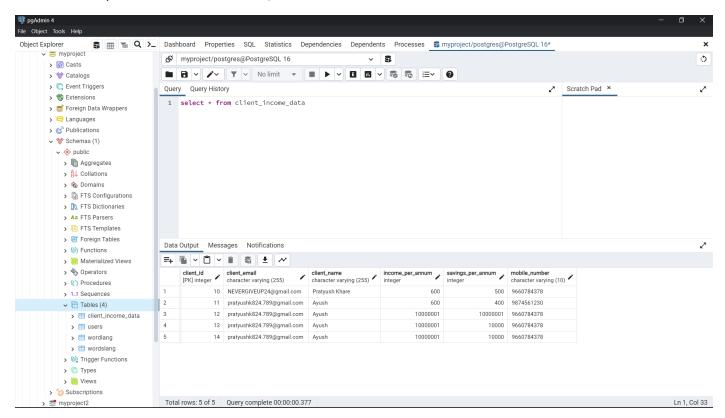
For Login and Registration



To find slang using database



After validation, the data is stored in an SQL database table



After task 3 the client_income_data table is downloaded to your system in form of csv file.

