

How to setup?

Download and install project

Go to desired project folder and run

```
git init
```

```
git pull https://github.com/fifithecat/lottery.git
```

```
npm install
```

or just run git clone in any empty folder

```
git clone https://github.com/fifithecat/lottery.git
```

```
npm install
```

Start postgresql from docker

```
docker run --name lottery-dev --privileged -e POSTGRES_USER=dbadmin -e  
POSTGRES_PASSWORD=abcd1234 -p 5432:5432 -d postgres
```

Setup database schema

```
npx knex migrate:latest
```

Adding some sample data

```
npx knex seed:run
```

Adjust the config

You may change .env if you have different database configuration, like using existing postgresql db instead of running from docker.

Start the server

```
npm run dev
```

Unit test

As those APIs composite different function from controller or util, so the unit test will focus on the functions in controller and util instead of testing the API itself

When the test starts, it will create a new database, create schema and testing data. Once the test finish, it will remove the testing data and schema.

Running Unit test

```
npm test
```

Reference: <https://knexjs.org/guide/migrations.html>