

**Fake Twitter**  
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1. Ingresar desde la terminal a la carpeta del proyecto llamada: **APItwitter**
2. Ejecutar el comando: **npm install**.

```
PS C:\Users\Nicolas\Pictures\FakeTwitter> cd APItwitter
PS C:\Users\Nicolas\Pictures\FakeTwitter\APItwitter> npm install
```

3. Para hacer funcionar el BackEnd se ejecuta el comando: **npm start**

```
PS C:\Users\Nicolas\Pictures\FakeTwitter\APItwitter> npm start

> backtwitter@0.0.0 start C:\Users\Nicolas\Pictures\FakeTwitter\APItwitter
> node ./bin/www

(node:6260) [SEQUELIZE0004] DeprecationWarning: A boolean value was passed to options.operatorsAliases. This is a no-op with v5 and should be removed.
Executing (default): SELECT 1+1 AS result
****Connection has been established****
Executing (default): CREATE TABLE IF NOT EXISTS `users` (`idUser` INTEGER auto_increment , `username` VARCHAR(255) UNIQUE, `password` VARCHAR(255), `creation_date` DATETIME, `createdAt` DATETIME NOT NULL, `updatedAt` DATETIME NOT NULL, PRIMARY KEY (`idUser`)) ENGINE=InnoDB;
Executing (default): SHOW INDEX FROM `users`
Executing (default): CREATE TABLE IF NOT EXISTS `posts` (`idPost` INTEGER auto_increment , `message` VARCHAR(255), `published_date` DATETIME, `createdAt` DATETIME NOT NULL, `updatedAt` DATETIME NOT NULL, PRIMARY KEY (`idPost`)) ENGINE=InnoDB;
Executing (default): SHOW INDEX FROM `posts`
Executing (default): CREATE TABLE IF NOT EXISTS `tweet` (`idTweet` INTEGER auto_increment , `text` VARCHAR(255) UNIQUE, `createdAt` DATETIME NOT NULL, `updatedAt` DATETIME NOT NULL, `userIdUser` INTEGER, PRIMARY KEY (`idTweet`), FOREIGN KEY (`userIdUser`) REFERENCES `users` (`idUser`) ON DELETE SET NULL ON UPDATE CASCADE) ENGINE=InnoDB;
Executing (default): SHOW INDEX FROM `tweet`
Executing (default): CREATE TABLE IF NOT EXISTS `followers` (`idFollow` INTEGER auto_increment , `idUserFollower` VARCHAR(255), `idUser` INTEGER, `createdAt` DATETIME NOT NULL, `updatedAt` DATETIME NOT NULL, PRIMARY KEY (`idFollow`)) ENGINE=InnoDB;
Executing (default): SHOW INDEX FROM `followers`
Executing (default): CREATE TABLE IF NOT EXISTS `directmessage` (`id` INTEGER NOT NULL auto_increment , `idUserTransmitter` INTEGER, `idUserReceiver` INTEGER, `message` VARCHAR(255), `createdAt` DATETIME NOT NULL, `updatedAt` DATETIME NOT NULL, PRIMARY KEY (`id`)) ENGINE=InnoDB;
Executing (default): SHOW INDEX FROM `directmessage`
Database Synced
```

4. Salir de la carpeta actual he ingresar a la carpeta llamada: **AngularTwitter-master**
5. Ejecutar el comando: **npm install @angular/cli**

```
PS C:\Users\Nicolas\Pictures\FakeTwitter> cd AngularTwitter-master
PS C:\Users\Nicolas\Pictures\FakeTwitter\AngularTwitter-master> npm install @angular/cli
```

6. Dentro de la misma carpeta ejecutar el comando: **npm install**.

```
PS C:\Users\Nicolas\Pictures\FakeTwitter> cd AngularTwitter-master
PS C:\Users\Nicolas\Pictures\FakeTwitter\AngularTwitter-master> npm install
```

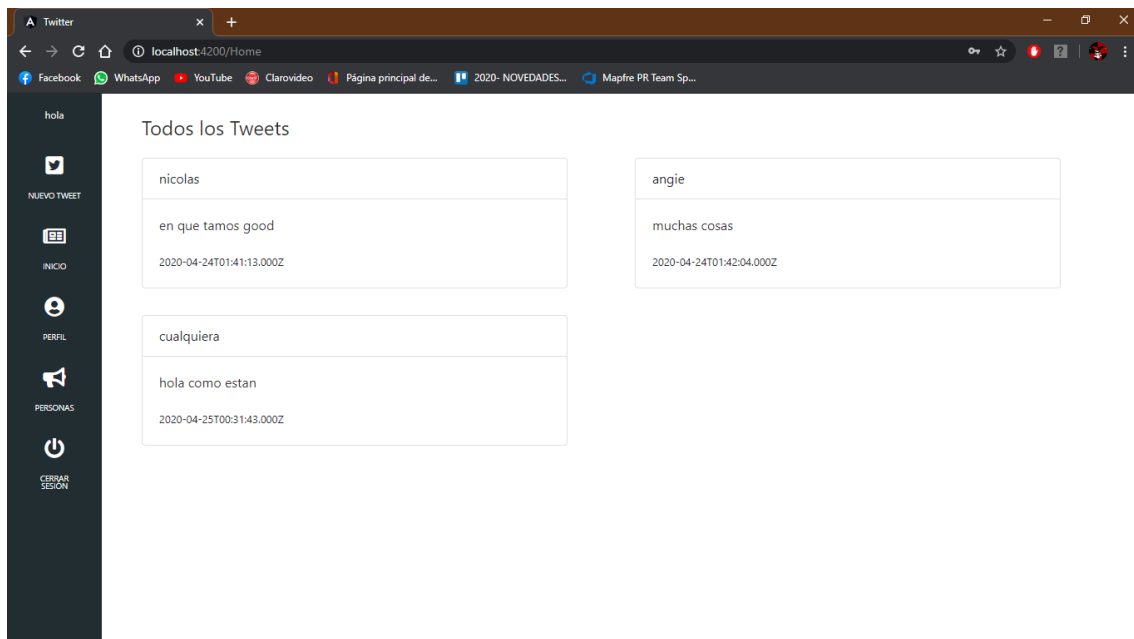
## 7. Para hacer funcionar el FrontEnd se debe ejecutar el comando: **ng serve**

```
PS C:\Users\Nicolas\Pictures\FakeTwitter> cd AngularTwitter-master
PS C:\Users\Nicolas\Pictures\FakeTwitter\AngularTwitter-master> ng serve

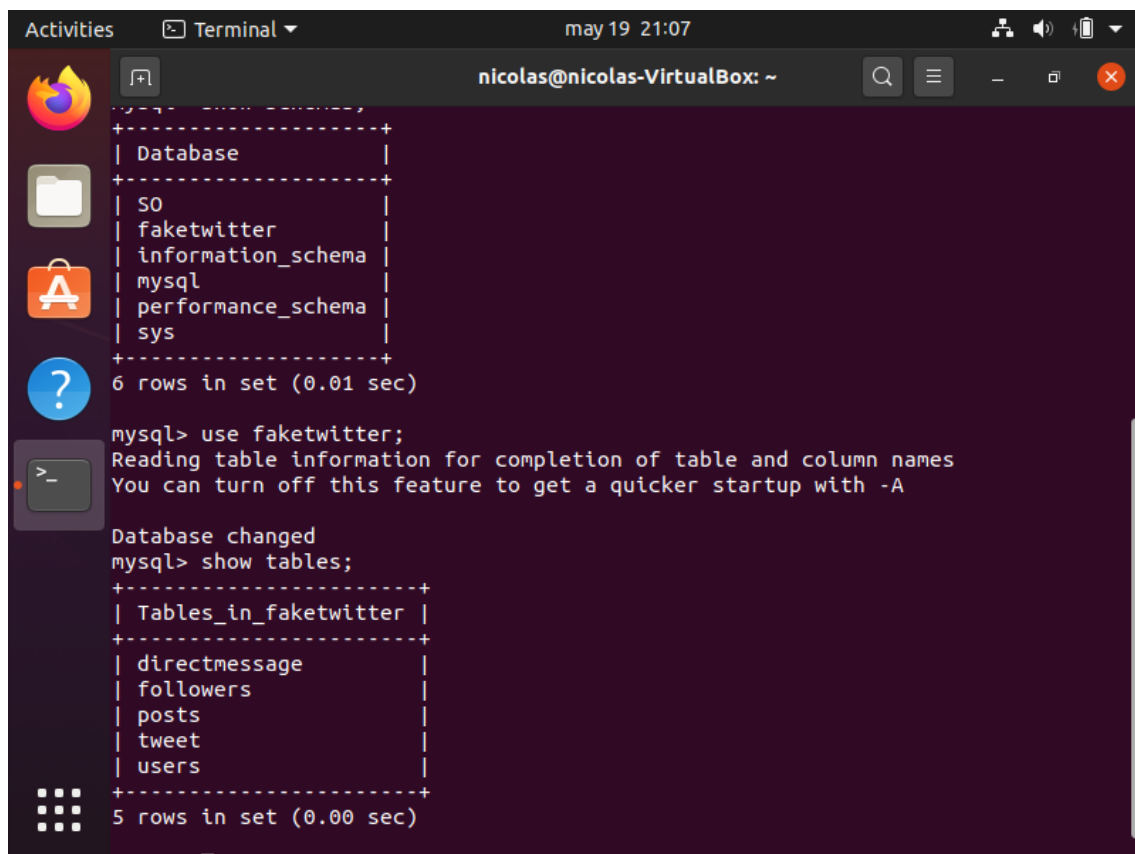
chunk {main} main.js, main.js.map (main) 140 kB [initial] [rendered]
chunk {polyfills} polyfills.js, polyfills.js.map (polyfills) 141 kB [initial] [rendered]
chunk {runtime} runtime.js, runtime.js.map (runtime) 6.15 kB [entry] [rendered]
chunk {styles} styles.js, styles.js.map (styles) 15.1 kB [initial] [rendered]
chunk {vendor} vendor.js, vendor.js.map (vendor) 3.42 MB [initial] [rendered]
Date: 2020-05-20T01:41:03.939Z - Hash: 38358f9b2c515ce60301 - Time: 31697ms
** Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ **
: Compiled successfully.
```

## Notas

- El programa crea sola las tablas dentro de la base de datos, pero es necesario que este creada una base de datos con el nombre: faketwitter.
- Para conectar la maquina virtual Linux y la maquina real Windows se cambió el IP de ambas y con ayuda de la aplicación WorkBench se montó un servidor en la maquina Linux usando el host: localhost:3300.



**Página web Windows**



The image shows a terminal window titled "Terminal" with the user "nicolas@nicolas-VirtualBox: ~". The terminal displays the output of a MySQL query and subsequent commands. The first query shows 6 rows in a set, listing databases. The second command switches to the "faketwitter" database. The third query shows 5 rows in a set, listing tables in the "faketwitter" database.

```
Activities Terminal may 19 21:07 nicolas@nicolas-VirtualBox: ~  
+-----+  
| Database |  
+-----+  
| SO       |  
| faketwitter |  
| information_schema |  
| mysql    |  
| performance_schema |  
| sys      |  
+-----+  
6 rows in set (0.01 sec)  
  
mysql> use faketwitter;  
Reading table information for completion of table and column names  
You can turn off this feature to get a quicker startup with -A  
  
Database changed  
mysql> show tables;  
+-----+  
| Tables_in_faketwitter |  
+-----+  
| directmessage |  
| followers     |  
| posts         |  
| tweet         |  
| users         |  
+-----+  
5 rows in set (0.00 sec)
```

Base Linux