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migrations > create_tables.js
1 exports.up = function (knex) {
2   return knex.schema
3     .createTable('TB_CLIENTES', function (table) {
4       table.increments('ID').primary();
5       table.text('NOME');
6       table.text('ENDERECO');
7     })
8     .createTable('TB_VENDEDORES', function (table) {
9       table.increments('ID').primary();
10      table.text('NOME');
11    })
12     .createTable('TB_PRODUTOS', function (table) {
13       table.increments('ID').primary();
14       table.integer('CODIGO');
15       table.text('NOME');
16       table.double('PRECO_UNITARIO');
17    })
18     .createTable('TB_NOTAS_FISCAIS', function (table) {
19       table.integer('NUMERO').primary();
20       table.text('SERIE');
21       table.integer('codigo_cli').references('ID').inTable('TB_CLIENTES');
22       table.integer('codigo_vendedor').references('ID').inTable('TB_VENDEDORES');
23    })
24     .createTable('TB_ITENS_NOTAS_FISCAIS', function (table) {
25       table.integer('NUM_NF');
26       table.integer('cod_produto').references('ID').inTable('TB_PRODUTOS');
27       table.integer('quantidade');
28       table.primary(['NUM_NF', 'cod_produto']);
29    });
30 };
31
32 exports.down = function (knex) {
33   return knex.schema
34     .dropTable('TB_ITENS_NOTAS_FISCAIS')
35     .dropTable('TB_NOTAS_FISCAIS')
36     .dropTable('TB_PRODUTOS')
37     .dropTable('TB_VENDEDORES')
38     .dropTable('TB_CLIENTES');
39 };
```

```
Console
Shell
~/Av09$ npm init -y
Wrote to /home/runner/Av09/package.json:

{
  "name": "nodejs",
  "version": "1.0.0",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC",
  "dependencies": {
    "@types/node": "^18.0.6",
    "node-fetch": "^3.2.6"
  },
  "devDependencies": {},
  "description": ""
}

~/Av09$ npm install knex sqlite3
npm WARN deprecated @npmcli/move-file@1.1.2: This functionality has been moved to @npmcli/fs
added 125 packages, and audited 133 packages in 16s

11 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
npm notice
npm notice New major version of npm available! 8.19.2 -> 9.6.7
npm notice Changelog: https://github.com/npm/cli/releases/tag/v9.6.7
npm notice Run `npm install -g npm@9.6.7` to update!
npm notice
~/Av09$ npx knex migrate:make create_users
Using environment: development
Using environment: development
Using environment: development
Created Migration: /home/runner/Av09/migrations/20230628134146_create_users.js
~/Av09$ npx knex migrate:latest
Using environment: development
migration 20230628134146_create_users.js did not return a promise
Batch 1 run: 2 migrations
~/Av09$
```