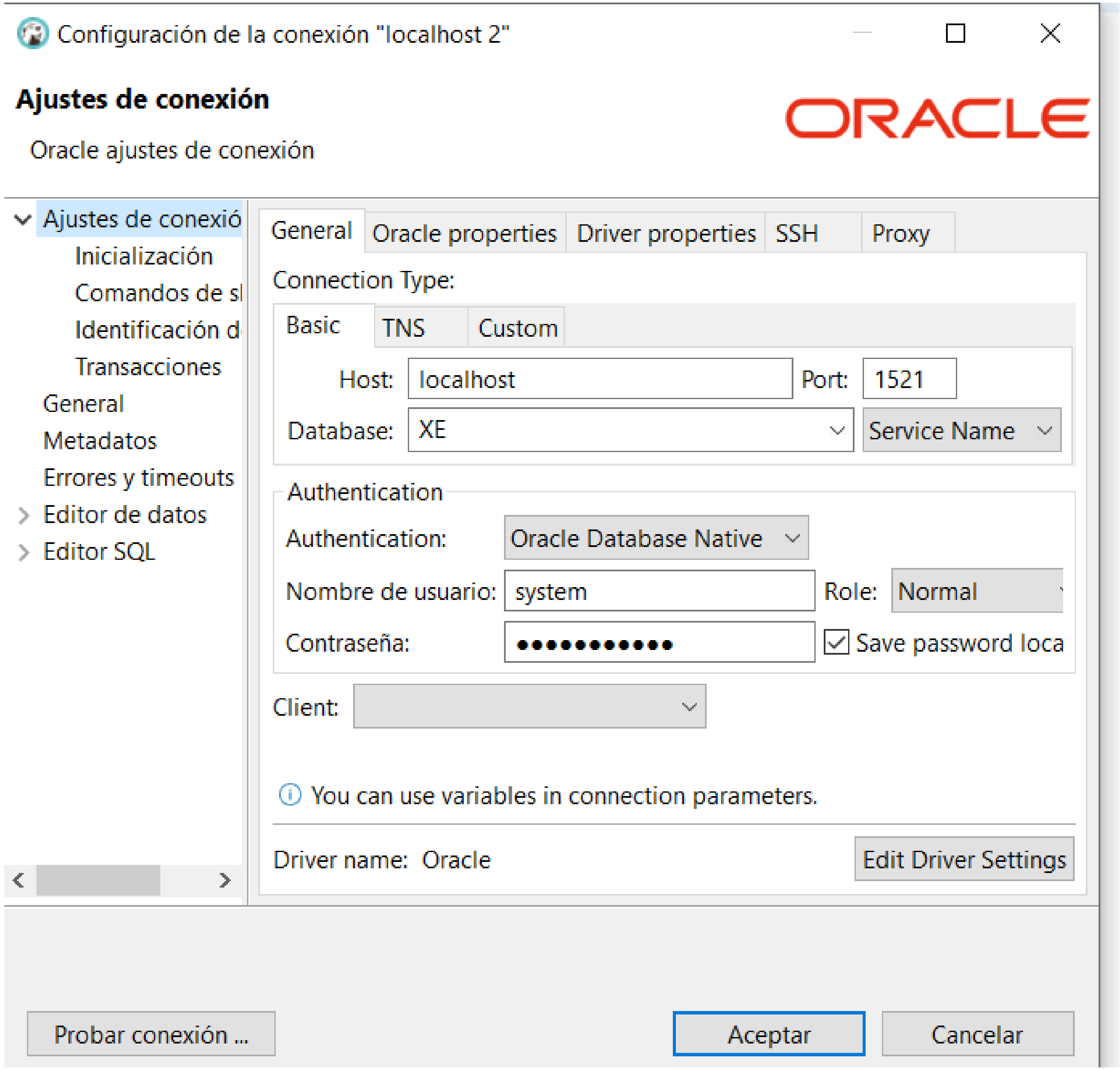
ORACLE

```
docker run -d --name orcl  -p 1521:1521 -v c:\orcl:/opt/oracle/oradata -e ORACLE_PWD=manager container-registry.oracle.com/database/express:21.3.0-xe
```

USUARIO:SYS AS SYSDBA password:manager

carga de datos oracle

https://gist.githubusercontent.com/Jviejo/4f59dfe1d31d55c633b6c4a441bfb806/raw/800005c1ea4264f4e16b2a13cca7af28431f3879/northwind%2520oracle



Host: localhost

Port: 1521

Database: XE

Service Name

Authentication

Authentication: Oracle Database Native

Nombre de usuario: system

Role: Normal

Contraseña: ●●●●●●●●●●●

☑ Save password loca

Client:

You can use variables in connection parameters.

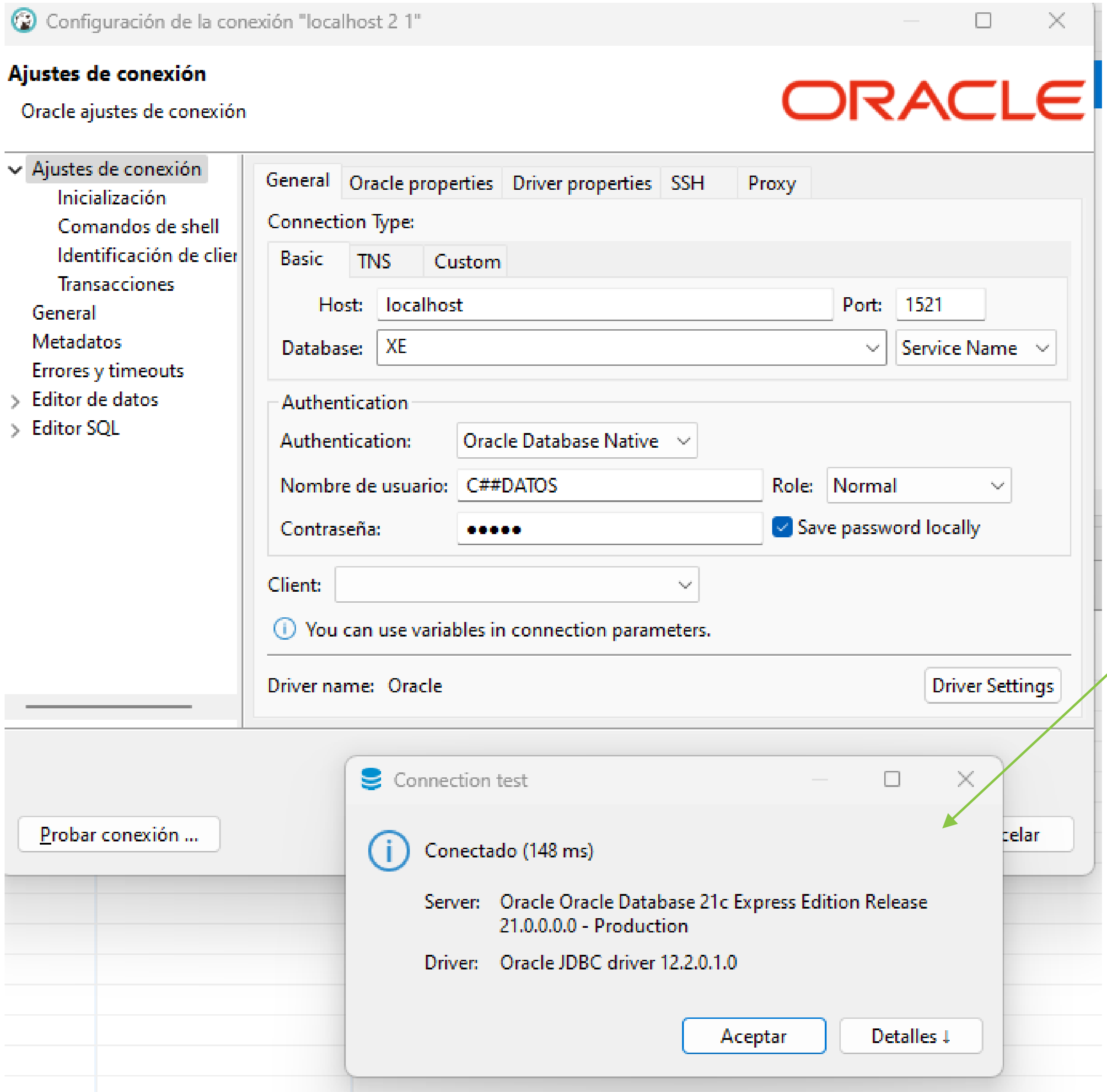
Driver name: Oracle

HOST: localhost
SERVICE: XE
PORT: 1521
Usuario: SYS
Role: SYSDBA
Contraseña: manager

CREAMOS UN USUARIO (ESQUEMA)

```
CREATE USER C##DATOS IDENTIFIED BY DATOS;

GRANT DBA TO C##DATOS
```



Configuración de la conexión "localhost 2 1"

Ajustes de conexión

Oracle ajustes de conexión

Connection Type: Basic

Host: localhost

Port: 1521

Database: XE

Service Name

Authentication

Authentication: Oracle Database Native

Nombre de usuario: C##DATOS

Role: Normal

Contraseña: ●●●●●

☑ Save password locally

Client:

You can use variables in connection parameters.

Driver name: Oracle

Connection test

Conectado (148 ms)

Server: Oracle Oracle Database 21c Express Edition Release 21.0.0.0.0 - Production

Driver: Oracle JDBC driver 12.2.0.1.0

ME CONECTO AL USUARIO C##DATOS password DATOS

Pruebo la conexión y tengo

carga de datos oracle

https://gist.githubusercontent.com/Jviejo/4f59dfe1d31d55c633b6c4a441bfb806/raw/800005c1ea4264f4e16b2a13cca7af28431f3879/northwind%2520oracle

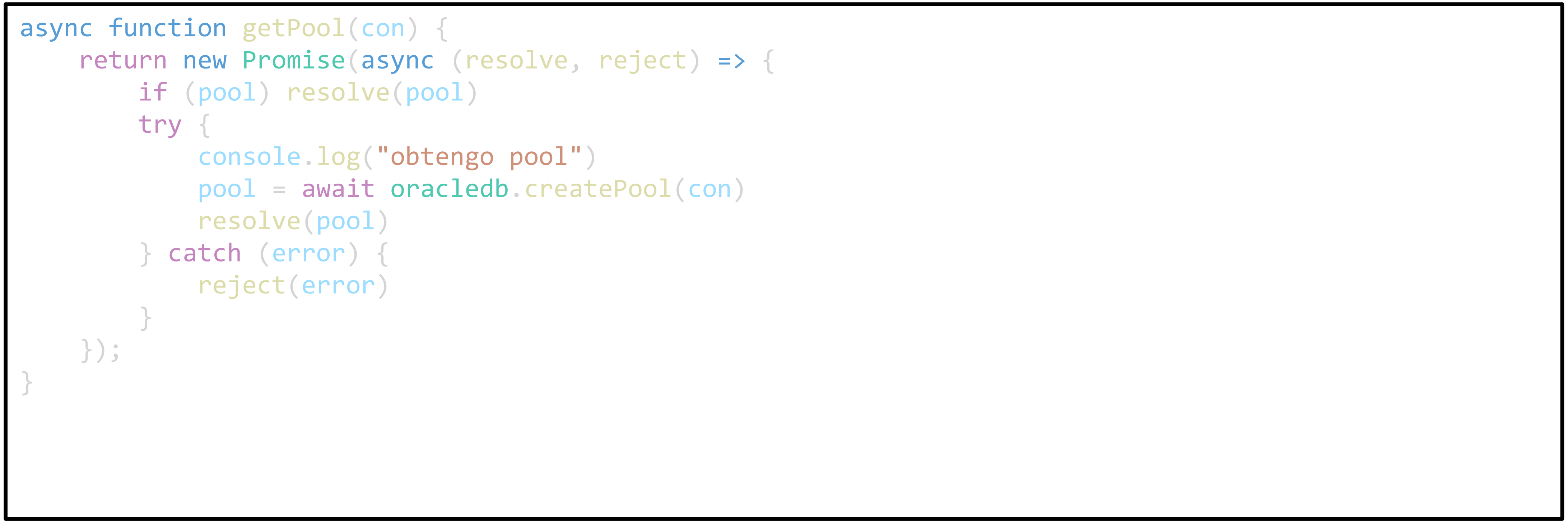
ORACLE

Repositorio con el código: **https://github.com/jviejocodecripto/curso-proyecto-oracle.git**

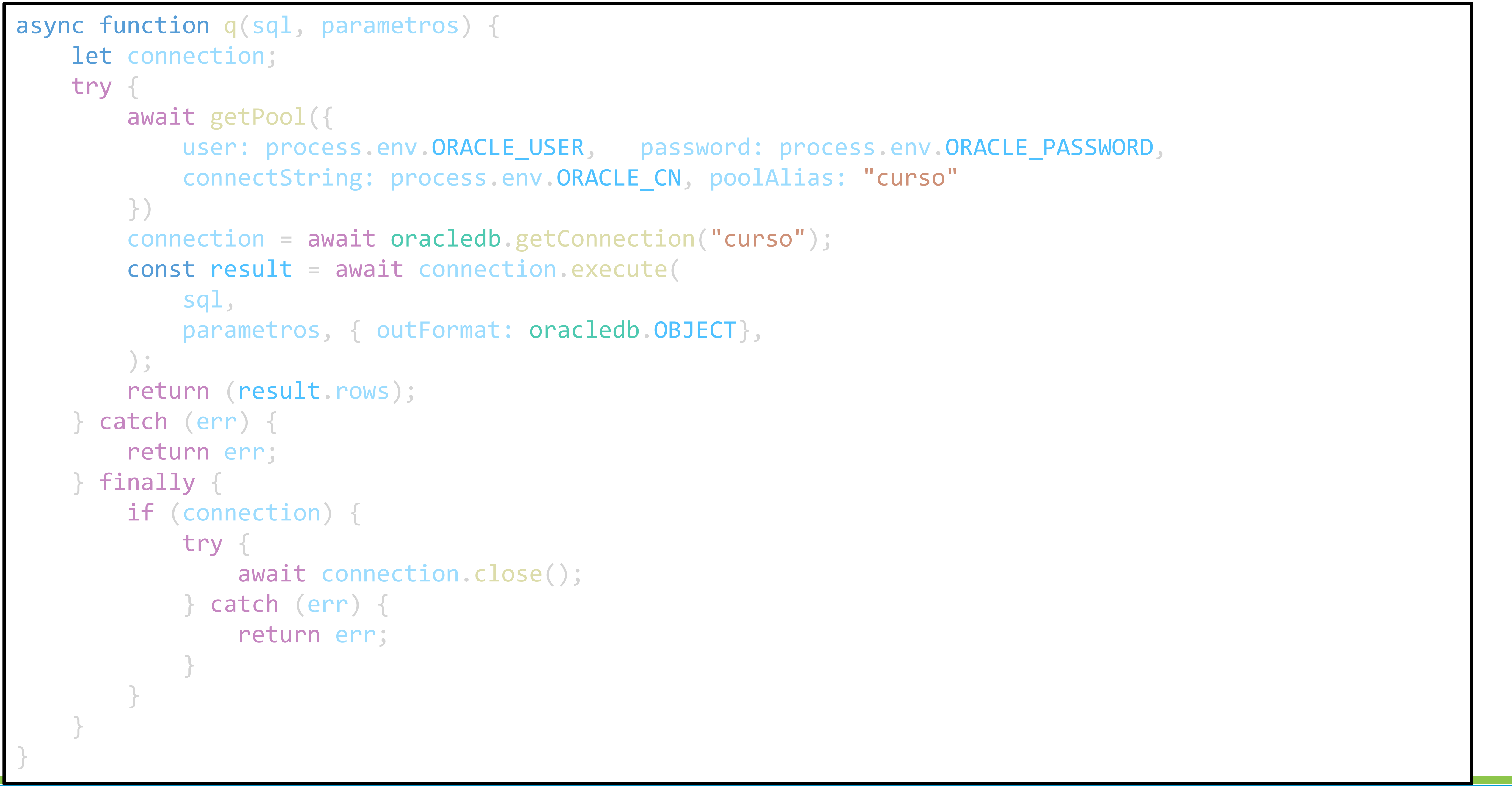
HAY QUE INSTALAR EL CLIENTE DE ORACLE
https://www.oracle.com/database/technologies/instant-client/winx64-64-downloads.html

```
const oracledb = require('oracledb');

var pool = null
try {
    oracledb.initOracleClient({ libDir: "C:\Users\jose\Downloads\instantclient-basiclite-windows.x64-
21.7.0.0.0dbru' });
} catch (err) {
    console.error('Whoops!');
    console.error(err);
    process.exit(1);
}
```



```
async function getPool(con) {
    return new Promise(async (resolve, reject) => {
        if (pool) resolve(pool)
        try {
            console.log("obtengo pool")
            pool = await oracledb.createPool(con)
            resolve(pool)
        } catch (error) {
            reject(error)
        }
    });
}
```



```
async function q(sql, parametros) {
    let connection;
    try {
        await getPool({
            user: process.env.ORACLE_USER,   password: process.env.ORACLE_PASSWORD,
            connectString: process.env.ORACLE_CN, poolAlias: "curso"
        })
        connection = await oracledb.getConnection("curso");
        const result = await connection.execute(
            sql,
            parametros, { outFormat: oracledb.OBJECT},
        );
        return (result.rows);
    } catch (err) {
        return err;
    } finally {
        if (connection) {
            try {
                await connection.close();
            } catch (err) {
                return err;
            }
        }
    }
}
```