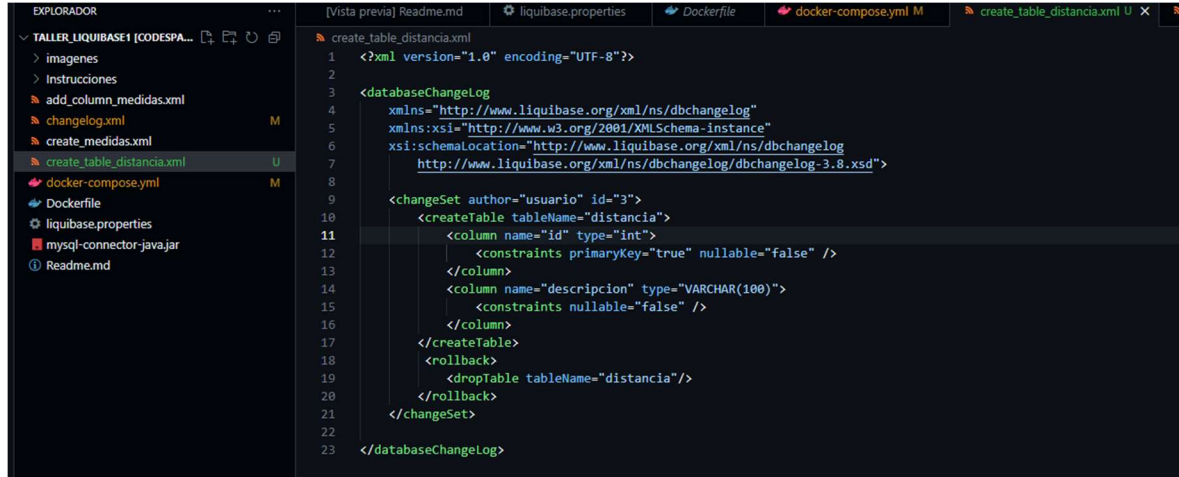


1. Crear una nueva tabla en el ambiente de desarrollo utilizando XML y liquibase, la tabla se debe llamar distancia con 2 campos



```
1 <?xml version="1.0" encoding="UTF-8"?>
2
3 <databaseChangeLog
4   xmlns="http://www.liquibase.org/xml/ns/dbchangelog"
5   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
6   xsi:schemaLocation="http://www.liquibase.org/xml/ns/dbchangelog
7     http://www.liquibase.org/xml/ns/dbchangelog/dbchangelog-3.8.xsd">
8
9   <changeSet author="usuario" id="3">
10     <createTable tableName="distancia">
11       <column name="id" type="int">
12         <constraints primaryKey="true" nullable="false" />
13       </column>
14       <column name="descripcion" type="VARCHAR(100)">
15         <constraints nullable="false" />
16       </column>
17     </createTable>
18     <rollback>
19       <dropTable tableName="distancia"/>
20     </rollback>
21   </changeSet>
22
23 </databaseChangeLog>
```



```
[Vista previa] Readme.md liquibase.properties x docker-compose.yml M create_table_distancia.xml U changelo

liquibase.properties
1 driver: com.mysql.cj.jdbc.Driver
2 url: jdbc:mysql://mysql:3306/mibase1
3 classpath: /liquibase/mysql-connector-java.jar
4 username: user
5 password: password
6
7

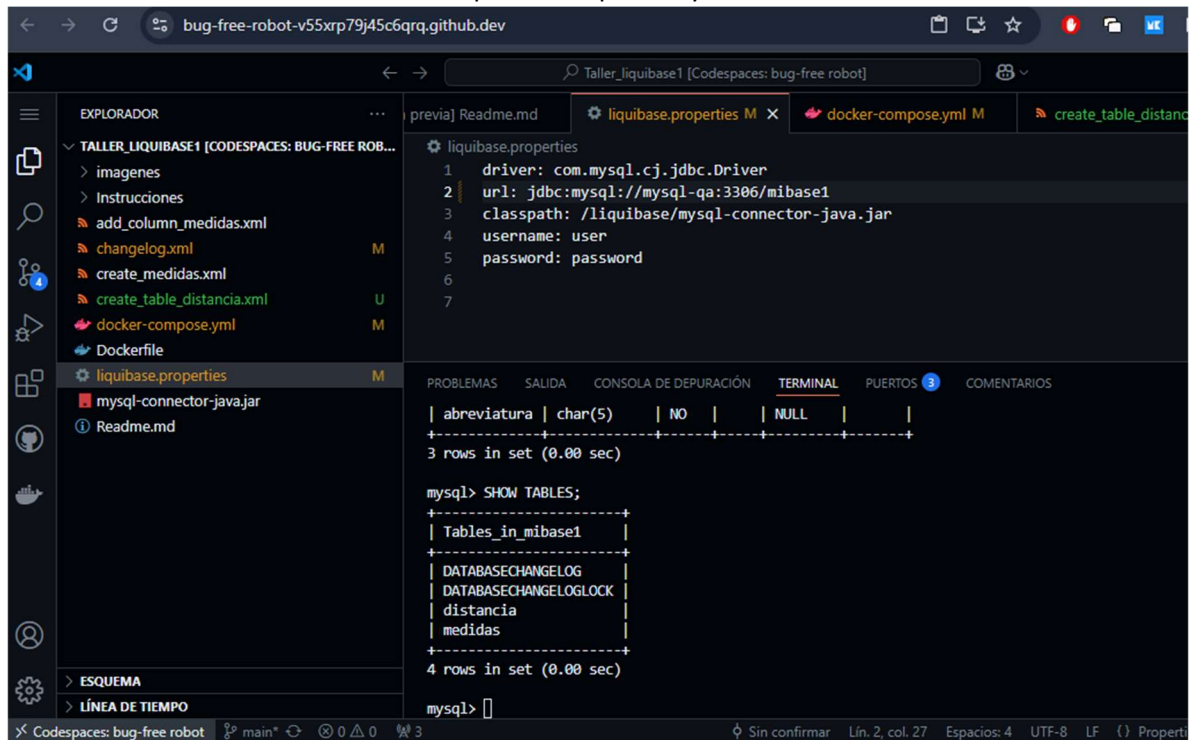
PROBLEMAS SALIDA CONSOLA DE DEPURACIÓN TERMINAL PUERTOS 3 COMENTARIOS

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_mibase1 |
+-----+
| DATABASECHANGELOG |
| DATABASECHANGELOGLOCK |
| distancia         |
| medidas           |
+-----+
4 rows in set (0.00 sec)

mysql>
```

2. Crear la nueva tabla en el ambiente de pruebas liquidase y XML

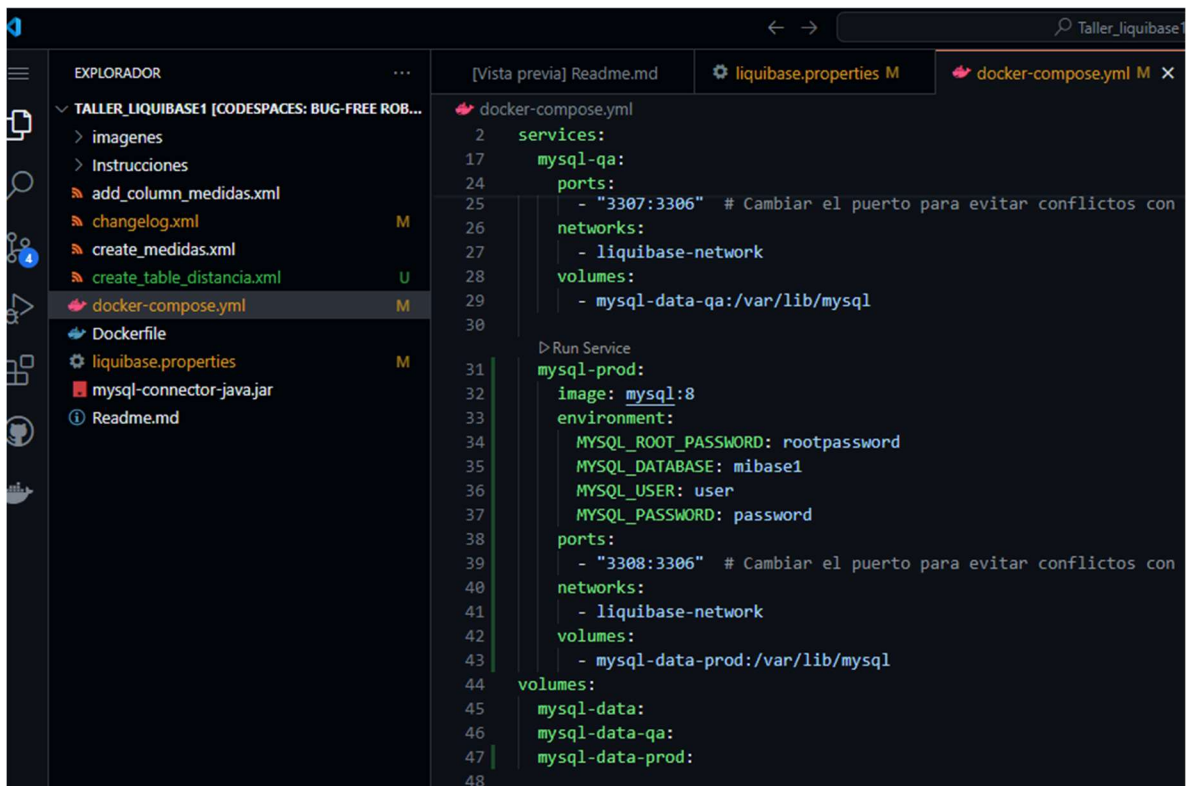


The screenshot shows a VS Code editor with a terminal window open. The terminal displays the output of a MySQL query. The query is `SHOW TABLES;` and the result shows four tables: `Tables_in_mibase1`, `DATABASECHANGELOG`, `DATABASECHANGELOGLOCK`, `distancia`, and `medidas`. The terminal also shows the output of a previous query, which was a table with columns `abreviatura`, `char(5)`, `NO`, `NULL`, and `3 rows in set (0.00 sec)`.

```
mysql> SHOW TABLES;
+-----+
| Tables_in_mibase1 |
+-----+
| DATABASECHANGELOG |
| DATABASECHANGELOGLOCK |
| distancia          |
| medidas            |
+-----+
4 rows in set (0.00 sec)

mysql>
```

3. Crear un contenedor para mysql 8 que servirá para producción modificando el docker compose y llevandolo de nuevo



The screenshot shows a VS Code editor with a `docker-compose.yml` file open. The file defines two services: `mysql-qa` and `mysql-prod`. Both services use the `mysql:8` image and have environment variables for `MYSQL_ROOT_PASSWORD`, `MYSQL_DATABASE`, `MYSQL_USER`, and `MYSQL_PASSWORD`. The `mysql-qa` service has ports `3307:3306` and is connected to the `liquibase-network`. The `mysql-prod` service has ports `3308:3306` and is also connected to the `liquibase-network`. Both services have a volume `mysql-data-qa:/var/lib/mysql` and `mysql-data-prod:/var/lib/mysql` respectively.

```
services:
  mysql-qa:
    ports:
      - "3307:3306" # Cambiar el puerto para evitar conflictos con
    networks:
      - liquibase-network
    volumes:
      - mysql-data-qa:/var/lib/mysql

  mysql-prod:
    image: mysql:8
    environment:
      MYSQL_ROOT_PASSWORD: rootpassword
      MYSQL_DATABASE: mibase1
      MYSQL_USER: user
      MYSQL_PASSWORD: password
    ports:
      - "3308:3306" # Cambiar el puerto para evitar conflictos con
    networks:
      - liquibase-network
    volumes:
      - mysql-data-prod:/var/lib/mysql

volumes:
  mysql-data:
  mysql-data-qa:
  mysql-data-prod:
```

bug-free-robot-v55xrp79j45c6qrq.github.dev

EXPLORADOR

- TALLER_LIQUIBASE1 [CODESPACES: BUG-FREE ROB...
- imagenes
- Instrucciones
- add_column_medidas.xml
- changelog.xml M
- create_medidas.xml
- create_table_distancia.xml U
- docker-compose.yml M
- Dockerfile
- liquibase.properties M
- mysql-connector-java.jar
- Readme.md

[Vista previa] Readme.md

liquibase.properties

```
1 driver: com.mysql.cj.jdbc.Driver
2 url: jdbc:mysql://mysql-prod:3306/mibase1
3 classpath: /liquibase/mysql-connector-java.jar
4 username: user
5 password: password
6
7
```

PROBLEMAS SALIDA CONSOLA DE DEPURACIÓN **TERMINAL** PUERTOS 3 COMEN

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;
ANGELOG;

```
+-----+
| Tables_in_mibase1 |
+-----+
| DATABASECHANGELOG |
| DATABASECHANGELOGLOCK |
| distancia          |
| medidas            |
+-----+
```

4 rows in set (0.00 sec)

ESQUEMA

LÍNEA DE TIEMPO

```
mysql> select * from DATABASECHANGELOG;
```

ID	AUTHOR	FILENAME	DATEEXECUTED	ORDEREXECUTED	EXECTYPE	MD5SUM	DESCRIPTION	COMMENTS	TAG	LIQUIBASE
CONTEXTS	LABELS	DEPLOYMENT_ID								
1	usuario	origen/create_medidas.xml	2025-02-26 17:39:34	1	EXECUTED	9:2bfeff56da87ec1a16bc11f94115fb1b	createTable tableName=medidas			4.31.1
NUL	NUL	0591570400								
2	usuario	origen/add_column_medidas.xml	2025-02-26 17:42:12	2	EXECUTED	9:e96141f8892d2d5c9113955a3f2e732f	addColumn tableName=medidas			4.31.1
NUL	NUL	0591728901								
3	usuario	origen/create_table_distancia.xml	2025-02-26 20:42:41	3	EXECUTED	9:21cd169011f26c52a7e69ea18a786617	createTable tableName=distancia			4.31.1
NUL	NUL	0602557411								