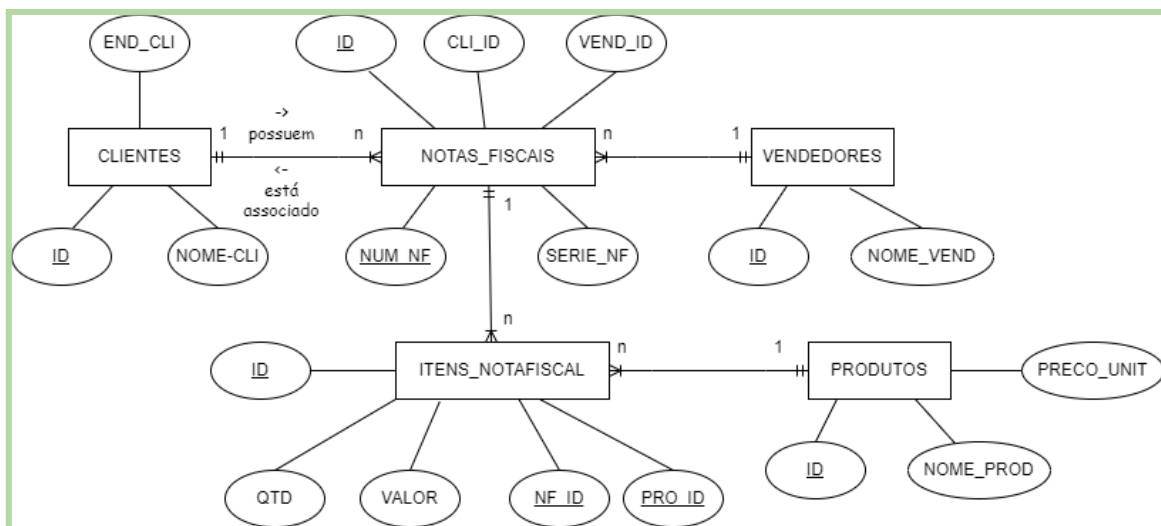


Avaliação 5

Dado o Modelo de Entidade de Relacionamento (NOTA FISCAL) anexo abaixo pede-se:



1) Crie a implementação das tabelas e relacionamentos usando o SQL;

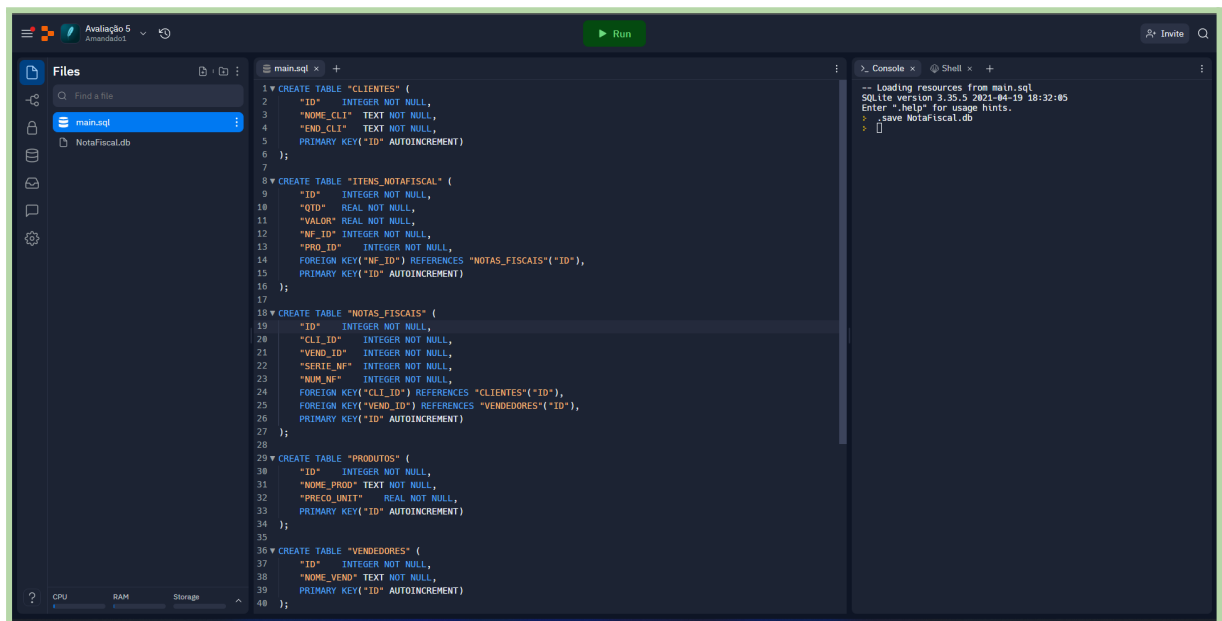
```

1 CREATE TABLE "CLIENTES" (
2   "ID" INTEGER NOT NULL,
3   "NOME_CLI" TEXT NOT NULL,
4   "END_CLI" TEXT NOT NULL,
5   PRIMARY KEY("ID" AUTOINCREMENT)
6 );
7
8 CREATE TABLE "ITENS_NOTAFISCAL" (
9   "ID" INTEGER NOT NULL,
10  "QTD" REAL NOT NULL,
11  "VALOR" REAL NOT NULL,
12  "NF_ID" INTEGER NOT NULL,
13  "PROD_ID" INTEGER NOT NULL,
14  FOREIGN KEY("NF_ID") REFERENCES "NOTAS_FISCAIS"("ID"),
15  PRIMARY KEY("ID" AUTOINCREMENT)
16 );
17
18 CREATE TABLE "NOTAS_FISCAIS" (
19   "ID" INTEGER NOT NULL,
20   "CLI_ID" INTEGER NOT NULL,
21   "VEND_ID" INTEGER NOT NULL,
22   "SERIE_NF" INTEGER NOT NULL,
23   "NUM_NF" INTEGER NOT NULL,
24   FOREIGN KEY("CLI_ID") REFERENCES "CLIENTES"("ID"),
25   FOREIGN KEY("VEND_ID") REFERENCES "VENDEDORES"("ID"),
26   PRIMARY KEY("ID" AUTOINCREMENT)
27 );
28
29 CREATE TABLE "PRODUTOS" (
30   "ID" INTEGER NOT NULL,
31   "NOME_PROD" TEXT NOT NULL,
32   "PRECO_UNIT" REAL NOT NULL,
33   PRIMARY KEY("ID" AUTOINCREMENT)
34 );
35
36 CREATE TABLE "VENDEDORES" (
37   "ID" INTEGER NOT NULL,
38   "NOME_VEND" TEXT NOT NULL,
39   PRIMARY KEY("ID" AUTOINCREMENT)
40 );
  
```

2) Use o Replit para documentar os scripts SQL de forma que possam ser acessados via link registrado como entrega da tarefa no Google Classroom;

→ <https://replit.com/join/uwpsxbknik-amandado1>

3) Salve o banco de dados como NotaFiscal.db no diretório do Replit;

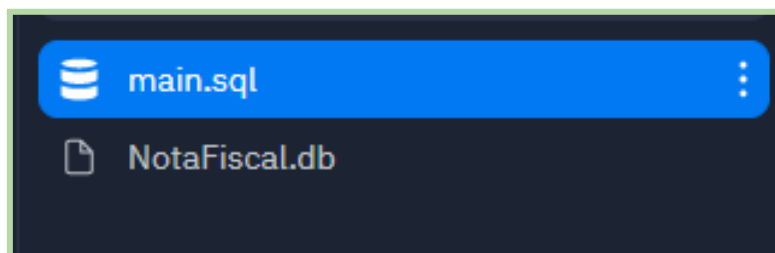


The screenshot shows the Replit IDE interface. On the left, the 'Files' panel displays 'main.sql' and 'NotaFiscal.db'. The main editor shows SQL code for creating four tables: 'CLIENTES', 'ITENS_NOTAFISCAL', 'NOTAS_FISCAIS', and 'PRODUTOS'. The 'NOTAS_FISCAIS' table has foreign keys to 'CLIENTES' and 'VENDEDORES'. The 'PRODUTOS' table has a primary key 'ID'. The 'VENDEDORES' table has a primary key 'ID'. The code is as follows:

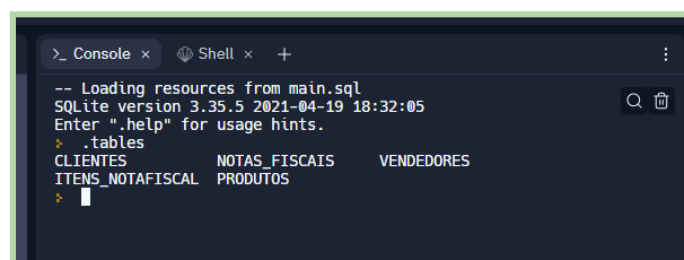
```
1 CREATE TABLE "CLIENTES" (  
2   "ID" INTEGER NOT NULL,  
3   "NOME_CLI" TEXT NOT NULL,  
4   "END_CLI" TEXT NOT NULL,  
5   PRIMARY KEY("ID" AUTOINCREMENT)  
6 );  
7  
8 CREATE TABLE "ITENS_NOTAFISCAL" (  
9   "ID" INTEGER NOT NULL,  
10  "QTD" REAL NOT NULL,  
11  "VALOR" REAL NOT NULL,  
12  "NF_ID" INTEGER NOT NULL,  
13  "PROD_ID" INTEGER NOT NULL,  
14  FOREIGN KEY("NF_ID") REFERENCES "NOTAS_FISCAIS"("ID"),  
15  PRIMARY KEY("ID" AUTOINCREMENT)  
16 );  
17  
18 CREATE TABLE "NOTAS_FISCAIS" (  
19   "ID" INTEGER NOT NULL,  
20   "CLI_ID" INTEGER NOT NULL,  
21   "VEND_ID" INTEGER NOT NULL,  
22   "SERIE_NF" INTEGER NOT NULL,  
23   "NOME_NF" TEXT NOT NULL,  
24   FOREIGN KEY("CLI_ID") REFERENCES "CLIENTES"("ID"),  
25   FOREIGN KEY("VEND_ID") REFERENCES "VENDEDORES"("ID"),  
26   PRIMARY KEY("ID" AUTOINCREMENT)  
27 );  
28  
29 CREATE TABLE "PRODUTOS" (  
30   "ID" INTEGER NOT NULL,  
31   "NOME_PROD" TEXT NOT NULL,  
32   "PRECO_UNIT" REAL NOT NULL,  
33   PRIMARY KEY("ID" AUTOINCREMENT)  
34 );  
35  
36 CREATE TABLE "VENDEDORES" (  
37   "ID" INTEGER NOT NULL,  
38   "NOME_VEND" TEXT NOT NULL,  
39   PRIMARY KEY("ID" AUTOINCREMENT)  
40 );
```

On the right, the 'Console' panel shows the output of the SQL execution:

```
-- Loading resources from main.sql  
SQLite version 3.35.5 2021-04-19 18:32:05  
Enter ".help" for usage hints.  
> .save NotaFiscal.db  
>
```



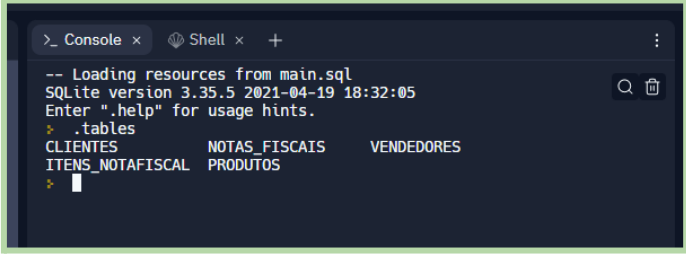
4) Mostre as tabelas criadas usando o comando .tables na interface de comando no SQLite;



The screenshot shows the SQLite command line interface. The user has entered the command '.tables' and the output shows the names of the tables created:

```
-- Loading resources from main.sql  
SQLite version 3.35.5 2021-04-19 18:32:05  
Enter ".help" for usage hints.  
> .tables  
CLIENTES          NOTAS_FISCAIS     VENDEDORES  
ITENS_NOTAFISCAL  PRODUTOS  
>
```

5) Faça um print da saída do comando e o anexe a entrega da tarefa no Google Classroom.



```
>_ Console x Shell x +
-- Loading resources from main.sql
SQLite version 3.35.5 2021-04-19 18:32:05
Enter ".help" for usage hints.
> .tables
CLIENTES          NOTAS_FISCAIS    VENDEDORES
ITENS_NOTAFISCAL  PRODUTOS
>
```

The screenshot shows a SQLite console window with a dark background. The title bar at the top has three tabs: 'Console', 'Shell', and a plus sign. The console output shows the SQLite version and the result of the '.tables' command, which lists five tables: CLIENTES, NOTAS_FISCAIS, VENDEDORES, ITENS_NOTAFISCAL, and PRODUTOS. A cursor is visible on the line following the output.