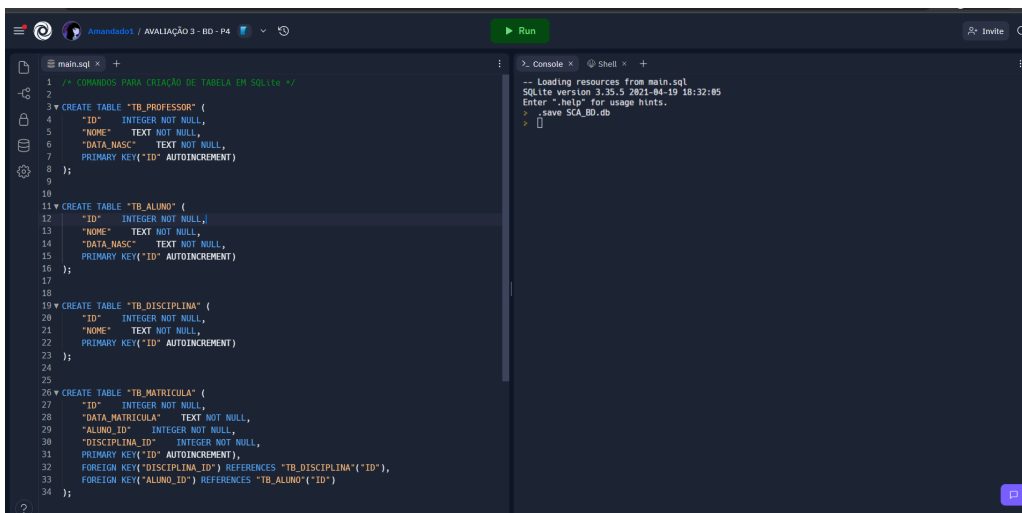
 <p>INSTITUTO FEDERAL Ceará Campus Fortaleza</p>	<p>Instituto Federal de Educação, Ciência e Tecnologia do Ceará - Campus Fortaleza</p> <p>P4 - Técnico integrado em informática.</p> <p>Professor: Ricardo Duarte Taveira.</p> <p>Alunos(as): Amanda do Nascimento Prudente Barros e Gabriel de Carvalho Dias.</p>
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Avaliação 3

1) Criar um Banco de Dados SCA_BD.db no Replit a partir das anotações da aula do dia 26-09-2022.



```

1 1 /* COMANDOS PARA CRIAÇÃO DE TABELA EM SQLITE */
2
3 3 CREATE TABLE "TB_PROFESSOR" (
4 4 "ID" INTEGER NOT NULL,
5 5 "NOME" TEXT NOT NULL,
6 6 "DATA_NASC" TEXT NOT NULL,
7 7 PRIMARY KEY("ID" AUTOINCREMENT)
8 8 );
9
10
11 11 CREATE TABLE "TB_ALUNO" (
12 12 "ID" INTEGER NOT NULL,
13 13 "NOME" TEXT NOT NULL,
14 14 "DATA_NASC" TEXT NOT NULL,
15 15 PRIMARY KEY("ID" AUTOINCREMENT)
16 16 );
17
18
19 19 CREATE TABLE "TB_DISCIPLINA" (
20 20 "ID" INTEGER NOT NULL,
21 21 "NOME" TEXT NOT NULL,
22 22 PRIMARY KEY("ID" AUTOINCREMENT)
23 23 );
24
25
26 26 CREATE TABLE "TB_MATRICULA" (
27 27 "ID" INTEGER NOT NULL,
28 28 "DATA_MATRICULA" TEXT NOT NULL,
29 29 "ALUNO_ID" INTEGER NOT NULL,
30 30 "DISCIPLINA_ID" INTEGER NOT NULL,
31 31 PRIMARY KEY("ID" AUTOINCREMENT),
32 32 FOREIGN KEY("DISCIPLINA_ID") REFERENCES "TB_DISCIPLINA"("ID"),
33 33 FOREIGN KEY("ALUNO_ID") REFERENCES "TB_ALUNO"("ID")
34 34 );

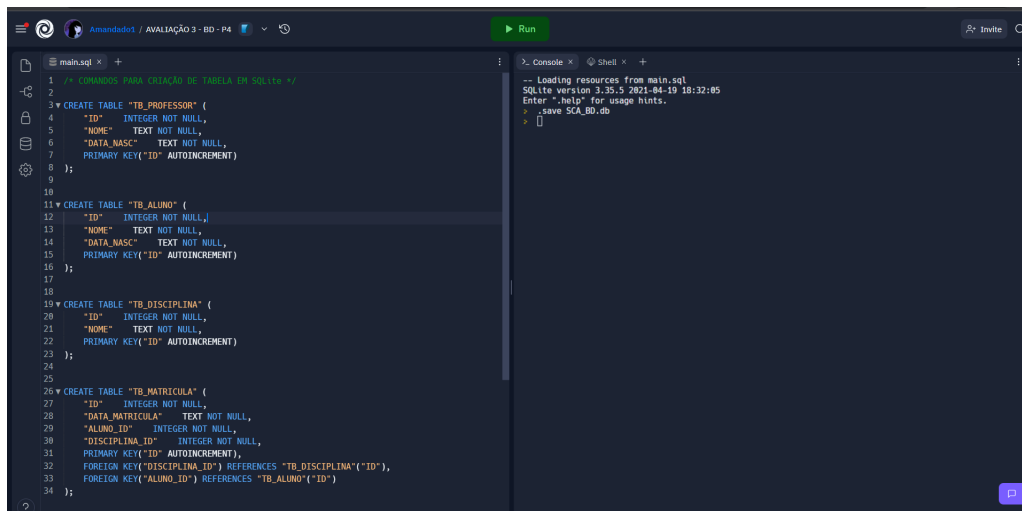
```

```

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

```

2) Criar as tabelas com os comandos CREATE TABLE no arquivo main.sql;



```

1 1 /* COMANDOS PARA CRIAÇÃO DE TABELA EM SQLITE */
2
3 3 CREATE TABLE "TB_PROFESSOR" (
4 4 "ID" INTEGER NOT NULL,
5 5 "NOME" TEXT NOT NULL,
6 6 "DATA_NASC" TEXT NOT NULL,
7 7 PRIMARY KEY("ID" AUTOINCREMENT)
8 8 );
9
10
11 11 CREATE TABLE "TB_ALUNO" (
12 12 "ID" INTEGER NOT NULL,
13 13 "NOME" TEXT NOT NULL,
14 14 "DATA_NASC" TEXT NOT NULL,
15 15 PRIMARY KEY("ID" AUTOINCREMENT)
16 16 );
17
18
19 19 CREATE TABLE "TB_DISCIPLINA" (
20 20 "ID" INTEGER NOT NULL,
21 21 "NOME" TEXT NOT NULL,
22 22 PRIMARY KEY("ID" AUTOINCREMENT)
23 23 );
24
25
26 26 CREATE TABLE "TB_MATRICULA" (
27 27 "ID" INTEGER NOT NULL,
28 28 "DATA_MATRICULA" TEXT NOT NULL,
29 29 "ALUNO_ID" INTEGER NOT NULL,
30 30 "DISCIPLINA_ID" INTEGER NOT NULL,
31 31 PRIMARY KEY("ID" AUTOINCREMENT),
32 32 FOREIGN KEY("DISCIPLINA_ID") REFERENCES "TB_DISCIPLINA"("ID"),
33 33 FOREIGN KEY("ALUNO_ID") REFERENCES "TB_ALUNO"("ID")
34 34 );

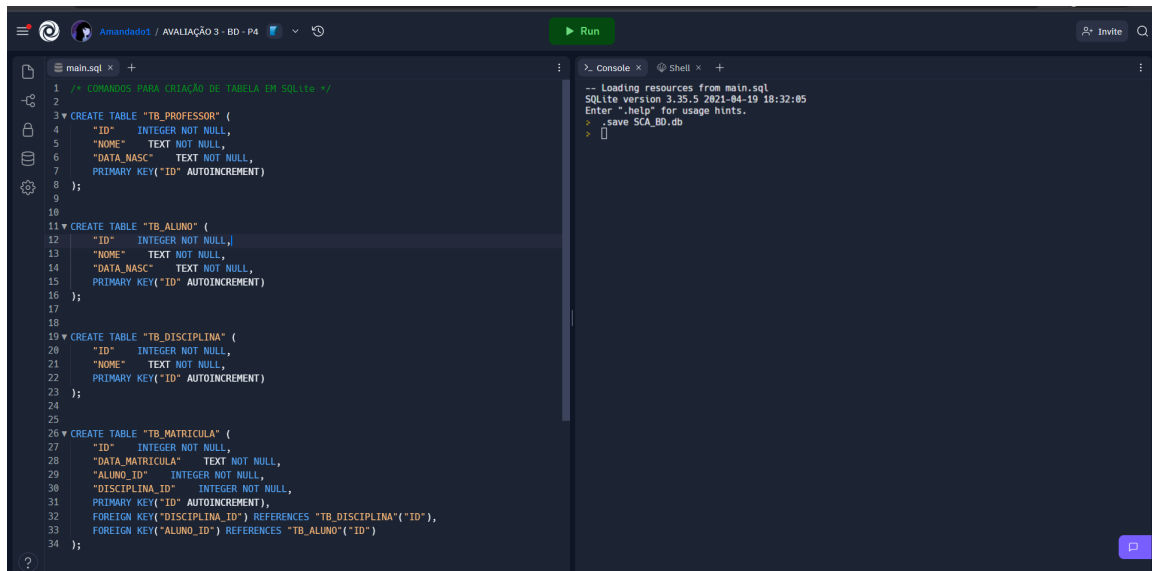
```

```

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

```

3) Usar o comando > .save SCA_DB.db para salvar no diretório criado do no seu replit;

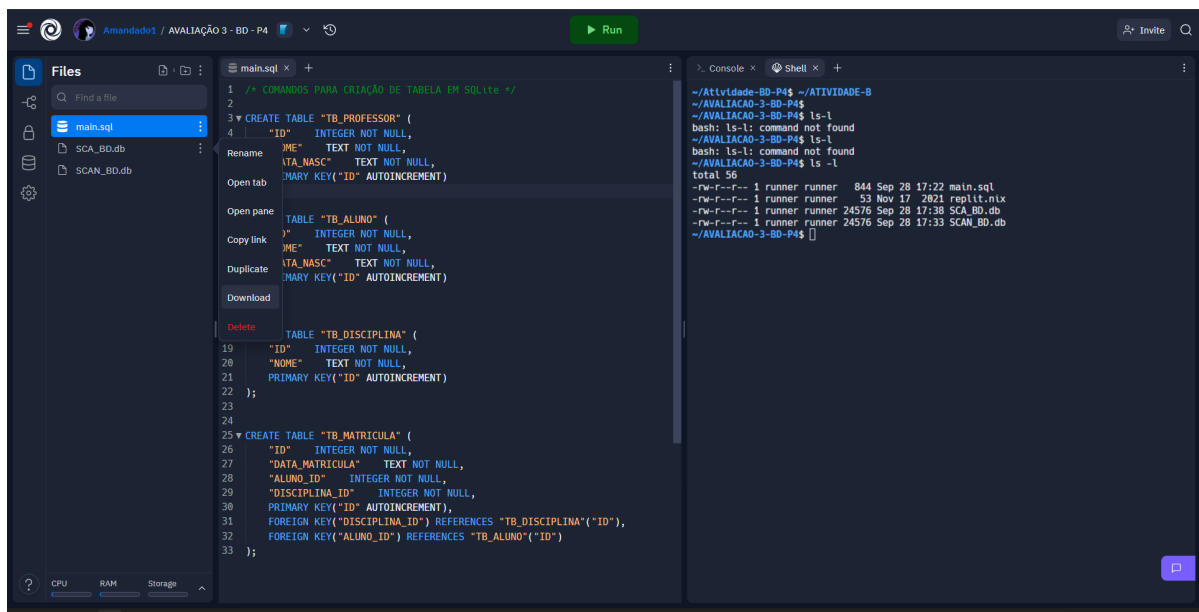


The screenshot shows the Replit IDE interface. The main editor displays a file named `main.sql` containing SQL commands for creating four tables: `TB_PROFESSOR`, `TB_ALUNO`, `TB_DISCIPLINA`, and `TB_MATRICULA`. The console on the right shows the output of running the script, including the SQLite version and the successful execution of the `.save SCA_DB.db` command.

```
1 /* COMANDOS PARA CRIAÇÃO DE TABELA EM SQLITE */
2
3 CREATE TABLE "TB_PROFESSOR" (
4   "ID" INTEGER NOT NULL,
5   "NOME" TEXT NOT NULL,
6   "DATA_NASC" TEXT NOT NULL,
7   PRIMARY KEY("ID" AUTOINCREMENT)
8 );
9
10
11 CREATE TABLE "TB_ALUNO" (
12   "ID" INTEGER NOT NULL,
13   "NOME" TEXT NOT NULL,
14   "DATA_NASC" TEXT NOT NULL,
15   PRIMARY KEY("ID" AUTOINCREMENT)
16 );
17
18
19 CREATE TABLE "TB_DISCIPLINA" (
20   "ID" INTEGER NOT NULL,
21   "NOME" TEXT NOT NULL,
22   PRIMARY KEY("ID" AUTOINCREMENT)
23 );
24
25
26 CREATE TABLE "TB_MATRICULA" (
27   "ID" INTEGER NOT NULL,
28   "DATA_MATRICULA" TEXT NOT NULL,
29   "ALUNO_ID" INTEGER NOT NULL,
30   "DISCIPLINA_ID" INTEGER NOT NULL,
31   PRIMARY KEY("ID" AUTOINCREMENT),
32   FOREIGN KEY("DISCIPLINA_ID") REFERENCES "TB_DISCIPLINA"("ID"),
33   FOREIGN KEY("ALUNO_ID") REFERENCES "TB_ALUNO"("ID")
34 );
```

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

4) Fazer o download do arquivo criado no seu computador;

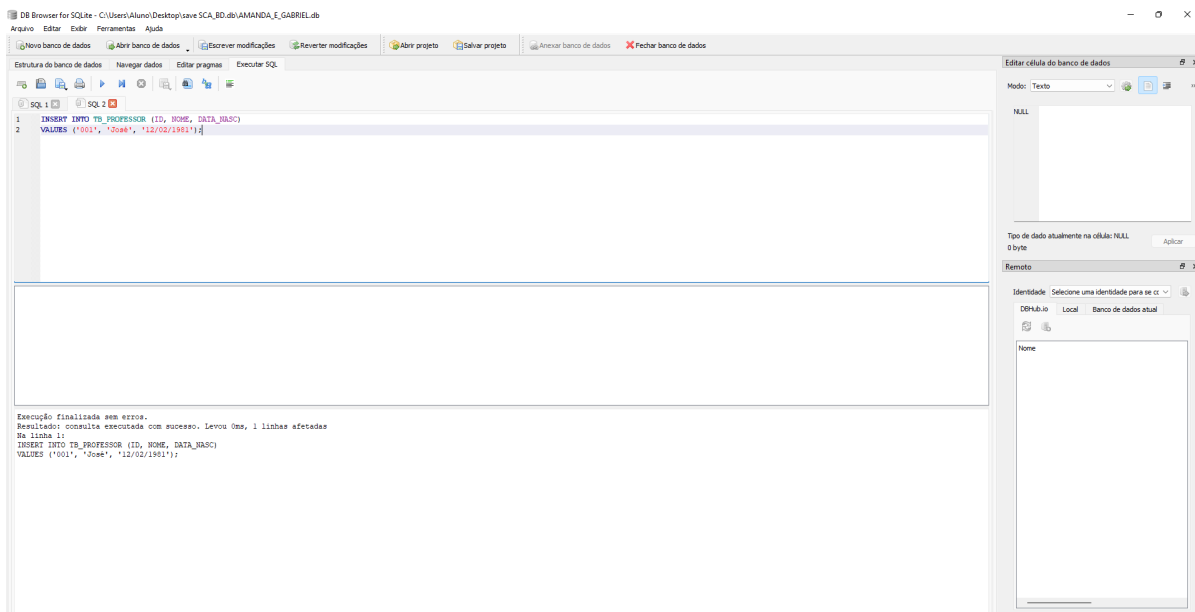
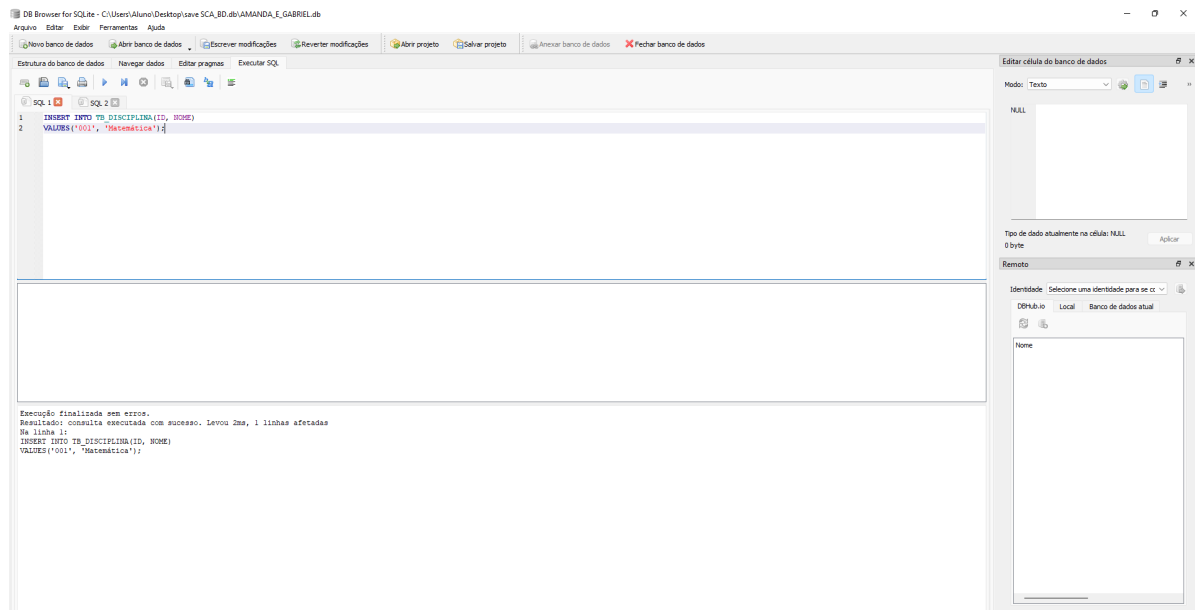


The screenshot shows the Replit IDE interface with the file explorer on the left. The file explorer shows the `main.sql` file selected, and the `SCA_DB.db` file is visible in the file list. The console on the right shows the output of running the script, including the SQLite version and the successful execution of the `.save SCA_DB.db` command.

```
1 /* COMANDOS PARA CRIAÇÃO DE TABELA EM SQLITE */
2
3 CREATE TABLE "TB_PROFESSOR" (
4   "ID" INTEGER NOT NULL,
5   "NOME" TEXT NOT NULL,
6   "DATA_NASC" TEXT NOT NULL,
7   PRIMARY KEY("ID" AUTOINCREMENT)
8 );
9
10
11 CREATE TABLE "TB_ALUNO" (
12   "ID" INTEGER NOT NULL,
13   "NOME" TEXT NOT NULL,
14   "DATA_NASC" TEXT NOT NULL,
15   PRIMARY KEY("ID" AUTOINCREMENT)
16 );
17
18
19 CREATE TABLE "TB_DISCIPLINA" (
20   "ID" INTEGER NOT NULL,
21   "NOME" TEXT NOT NULL,
22   PRIMARY KEY("ID" AUTOINCREMENT)
23 );
24
25
26 CREATE TABLE "TB_MATRICULA" (
27   "ID" INTEGER NOT NULL,
28   "DATA_MATRICULA" TEXT NOT NULL,
29   "ALUNO_ID" INTEGER NOT NULL,
30   "DISCIPLINA_ID" INTEGER NOT NULL,
31   PRIMARY KEY("ID" AUTOINCREMENT),
32   FOREIGN KEY("DISCIPLINA_ID") REFERENCES "TB_DISCIPLINA"("ID"),
33   FOREIGN KEY("ALUNO_ID") REFERENCES "TB_ALUNO"("ID")
34 );
```

```
~/Atividade-BD-P4$ ~/ATIVIDADE-B
~/ATIVIDADE-B$
~/ATIVIDADE-B$ ls -l
bash: ls-l: command not found
~/ATIVIDADE-B$ ls -l
bash: ls-l: command not found
~/ATIVIDADE-B$ ls -l
total 56
-rw-r--r-- 1 runner runner 844 Sep 28 17:22 main.sql
-rw-r--r-- 1 runner runner 53 Nov 17 2021 replitanix
-rw-r--r-- 1 runner runner 24576 Sep 28 17:38 SCA_DB.db
-rw-r--r-- 1 runner runner 24576 Sep 28 17:33 SCAN_DB.db
~/ATIVIDADE-B$ []
```

5) Usar o DBBROWSER ou Beekeeper para fazer alterações no banco de dados SCA_DB.bd que foi alterado;



6) Fazer o UPLOAD do arquivo SCA_DB.bd para o seu Replit.

