

## TERCEIRA AVALIAÇÃO DE BANCO DE DADOS - CONSTRUINDO BANCO DE DADOS A PARTIR DO REPLIT E DB BROWSER/BEEKEEPER

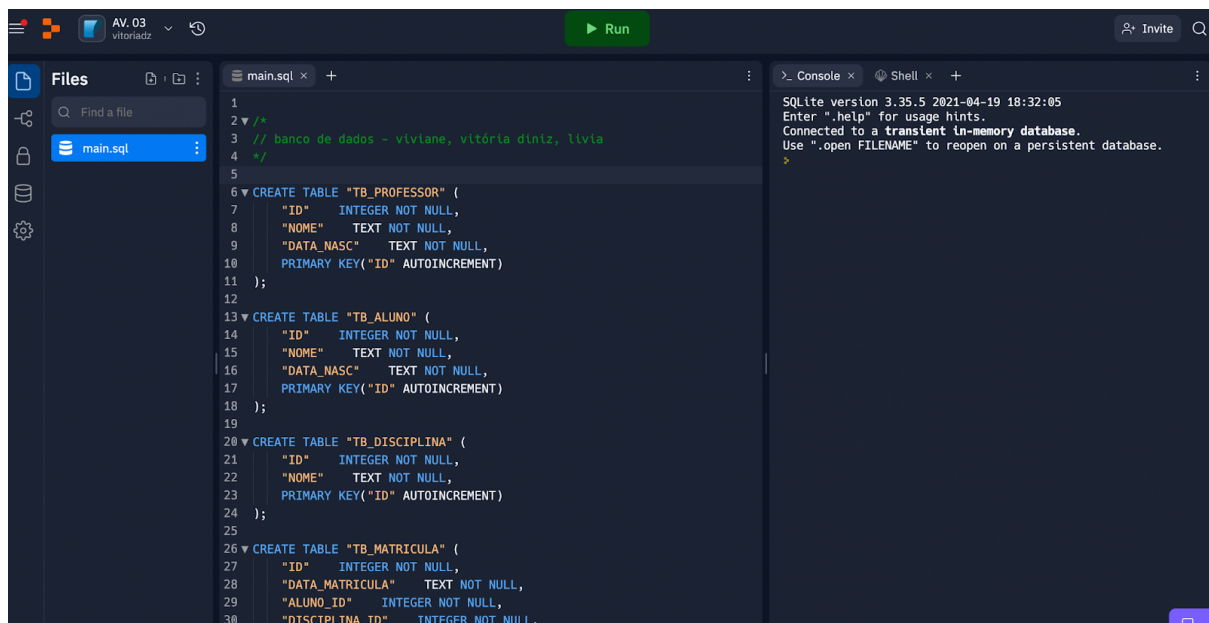
IFCE CAMPUS FORTALEZA - P4 INFORMÁTICA

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MARIA VITÓRIA DINIZ DE OLIVEIRA  
VIVIANE RODRIGUES NOGUEIRA

prints da resolução das questões.

28.09.22

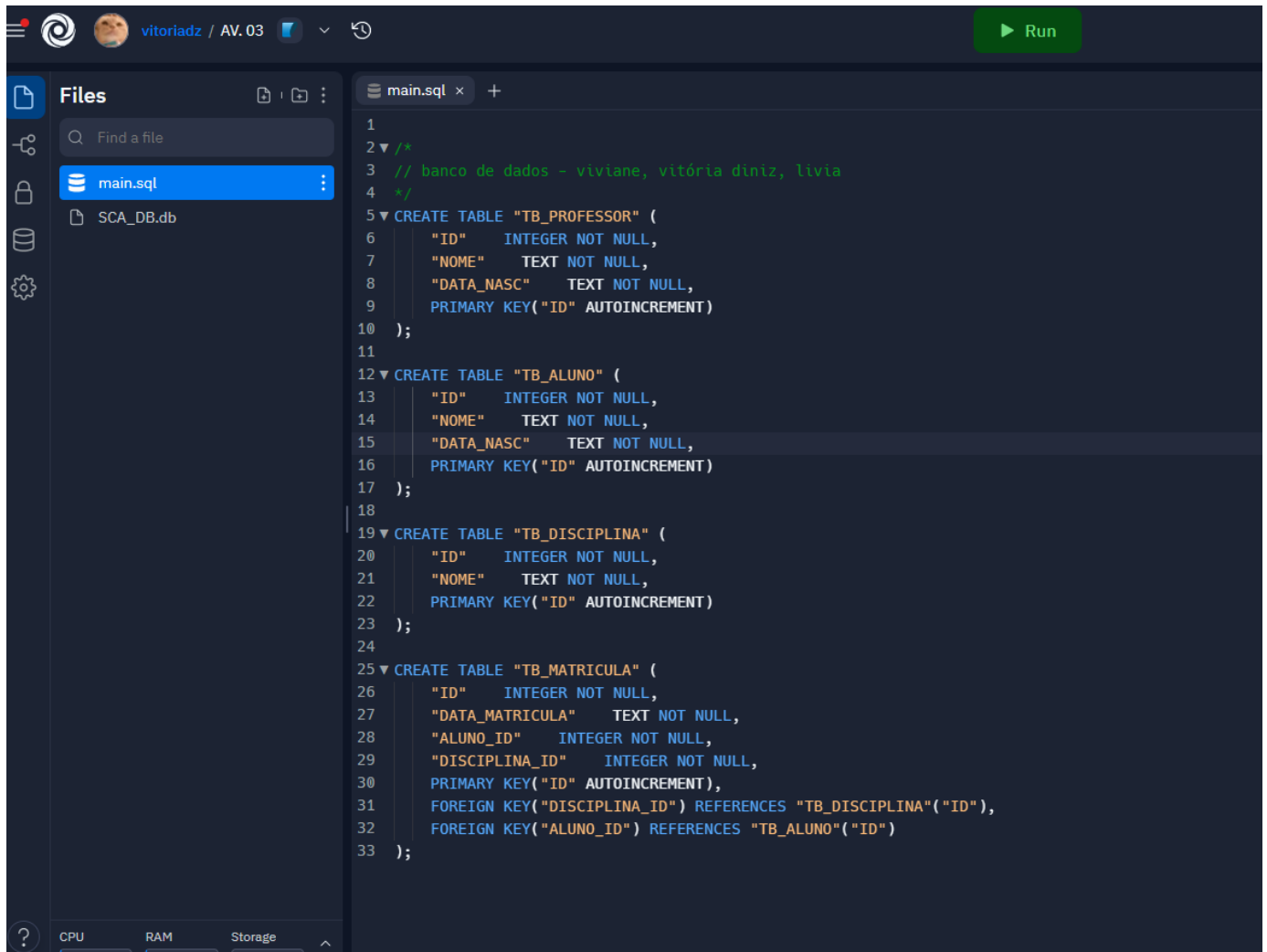
1) Criar um Banco de Dados SCA\_BD.db no Replit a partir das anotações da aula do dia 26-09-2022.



```
1
2 //
3 // banco de dados - viviane, vitória diniz, livia
4 //
5
6 CREATE TABLE "TB_PROFESSOR" (
7   "ID" INTEGER NOT NULL,
8   "NOME" TEXT NOT NULL,
9   "DATA_NASC" TEXT NOT NULL,
10  PRIMARY KEY("ID" AUTOINCREMENT)
11 );
12
13 CREATE TABLE "TB_ALUNO" (
14   "ID" INTEGER NOT NULL,
15   "NOME" TEXT NOT NULL,
16   "DATA_NASC" TEXT NOT NULL,
17  PRIMARY KEY("ID" AUTOINCREMENT)
18 );
19
20 CREATE TABLE "TB_DISCIPLINA" (
21   "ID" INTEGER NOT NULL,
22   "NOME" TEXT NOT NULL,
23  PRIMARY KEY("ID" AUTOINCREMENT)
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,
```

SQLite version 3.35.5 2021-04-19 18:32:05  
Enter ".help" for usage hints.  
Connected to a transient in-memory database.  
Use ".open FILENAME" to reopen on a persistent database.  
>

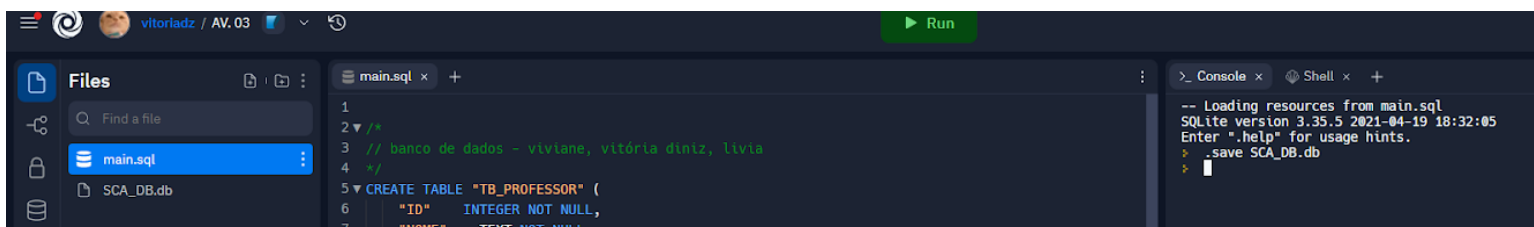
2) Criar as tabelas com os comandos CREATE TABLE no arquivo main.sql.



The screenshot shows a Replit IDE window with a file explorer on the left and a code editor on the right. The file explorer shows a file named 'main.sql' and a database file 'SCA\_DB.db'. The code editor displays the following SQL code:

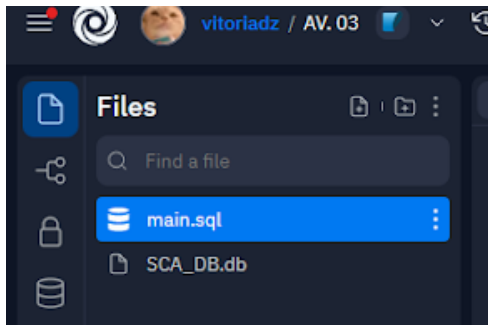
```
1
2 /*
3 // banco de dados - viviane, vitória diniz, livia
4 */
5 CREATE TABLE "TB_PROFESSOR" (
6     "ID" INTEGER NOT NULL,
7     "NOME" TEXT NOT NULL,
8     "DATA_NASC" TEXT NOT NULL,
9     PRIMARY KEY("ID" AUTOINCREMENT)
10 );
11
12 CREATE TABLE "TB_ALUNO" (
13     "ID" INTEGER NOT NULL,
14     "NOME" TEXT NOT NULL,
15     "DATA_NASC" TEXT NOT NULL,
16     PRIMARY KEY("ID" AUTOINCREMENT)
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 CREATE TABLE "TB_MATRICULA" (
26     "ID" INTEGER NOT NULL,
27     "DATA_MATRICULA" TEXT NOT NULL,
28     "ALUNO_ID" INTEGER NOT NULL,
29     "DISCIPLINA_ID" INTEGER NOT NULL,
30     PRIMARY KEY("ID" AUTOINCREMENT),
31     FOREIGN KEY("DISCIPLINA_ID") REFERENCES "TB_DISCIPLINA"("ID"),
32     FOREIGN KEY("ALUNO_ID") REFERENCES "TB_ALUNO"("ID")
33 );
```

3) Usar o comando > .save SCA\_DB.db para salvar no diretório criado do no seu Replit.

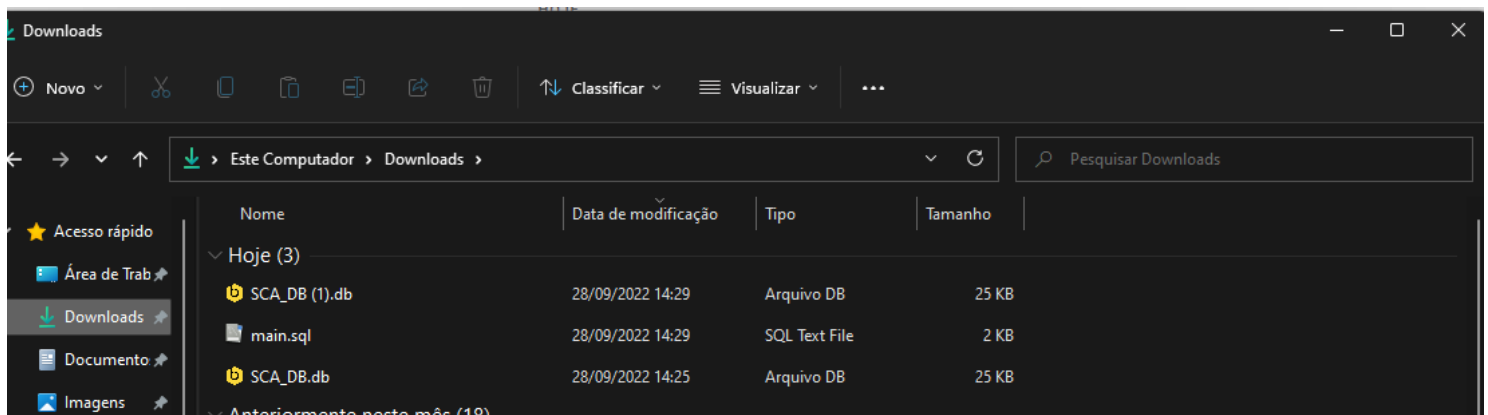
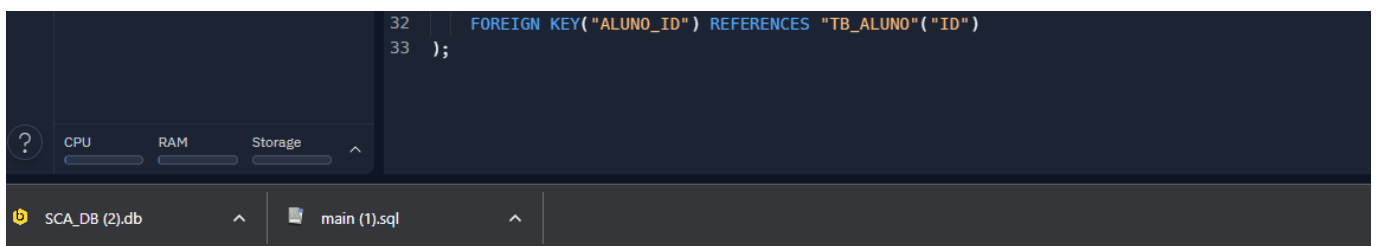


The screenshot shows the same Replit IDE window as before, but with a console window open on the right. The console displays the output of the .save command:

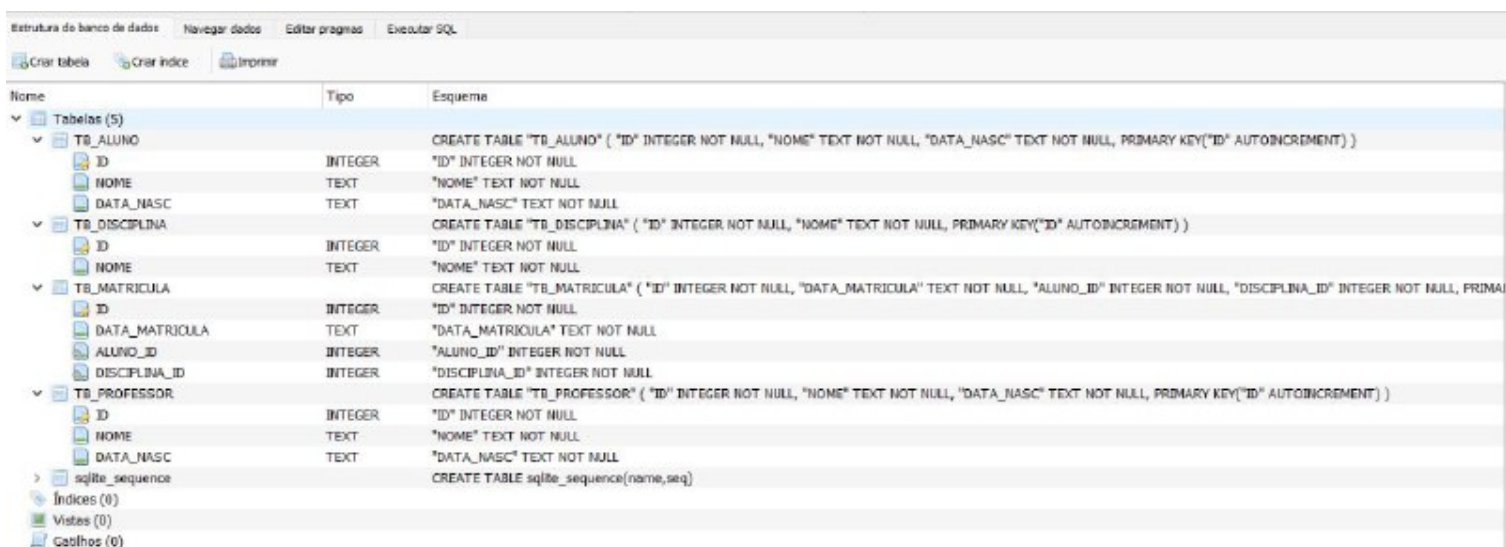
```
-- Loading resources from main.sql
SQLite version 3.35.5 2021-04-19 18:32:05
Enter ".help" for usage hints.
> .save SCA_DB.db
>
```



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



5) Usar o DBBROWSER ou Beekeeper para fazer alterações no banco de dados SCA\_DB.bd que foi alterado.

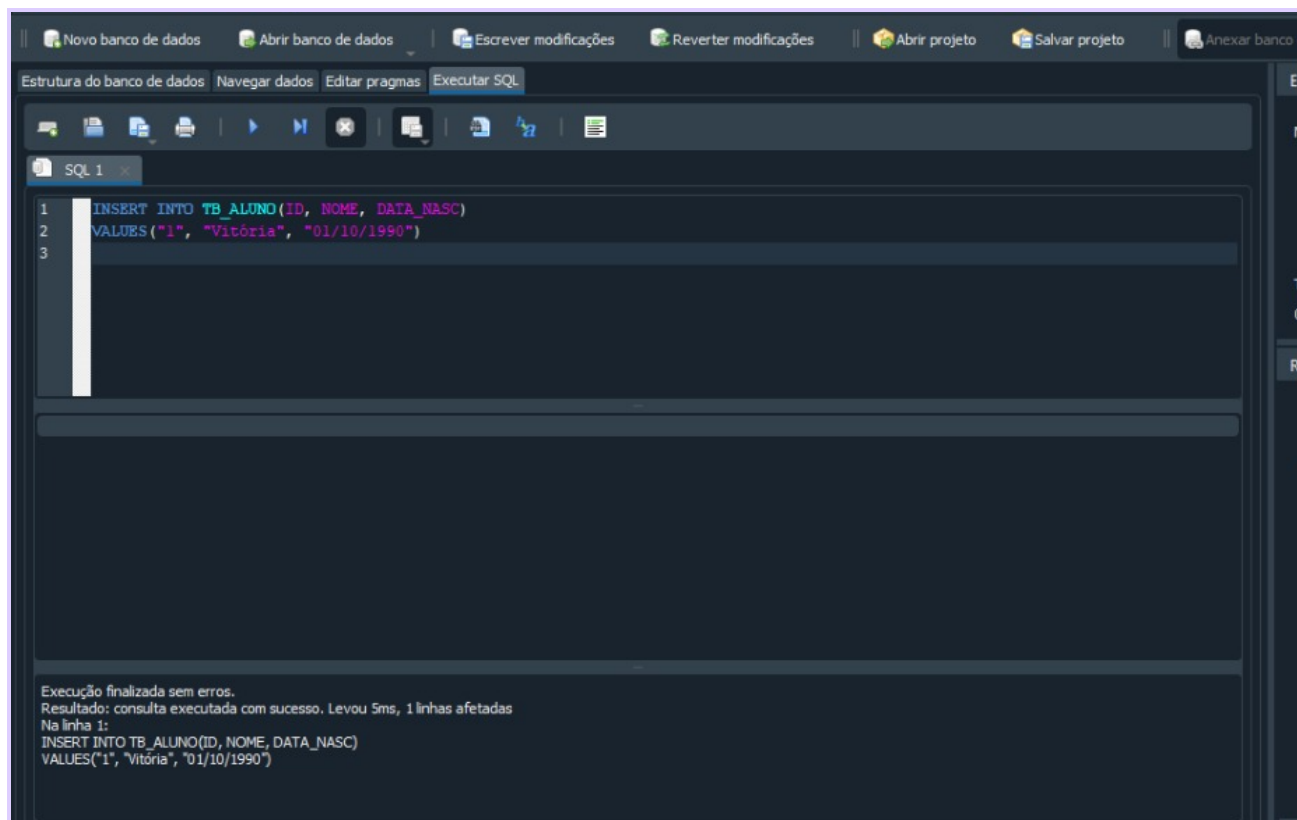


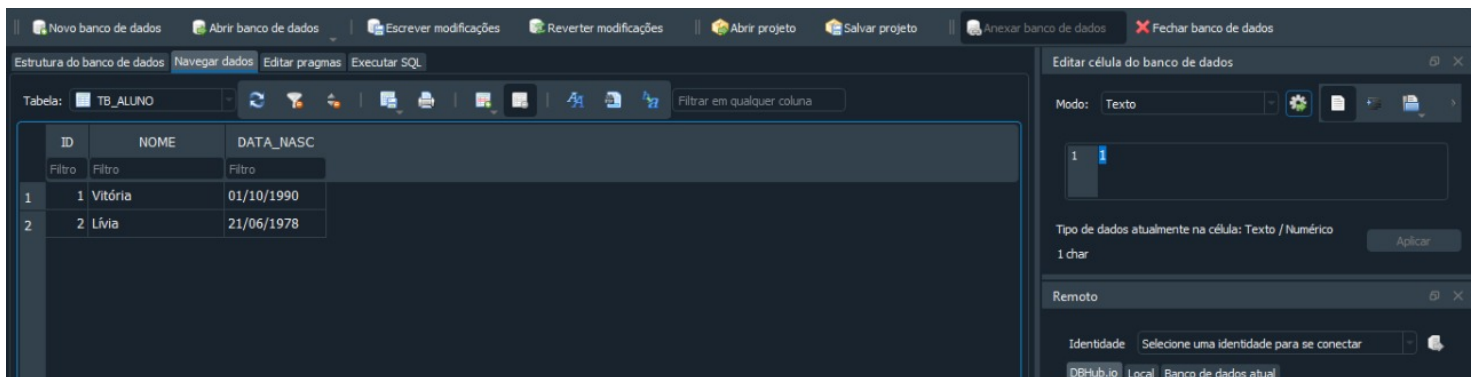
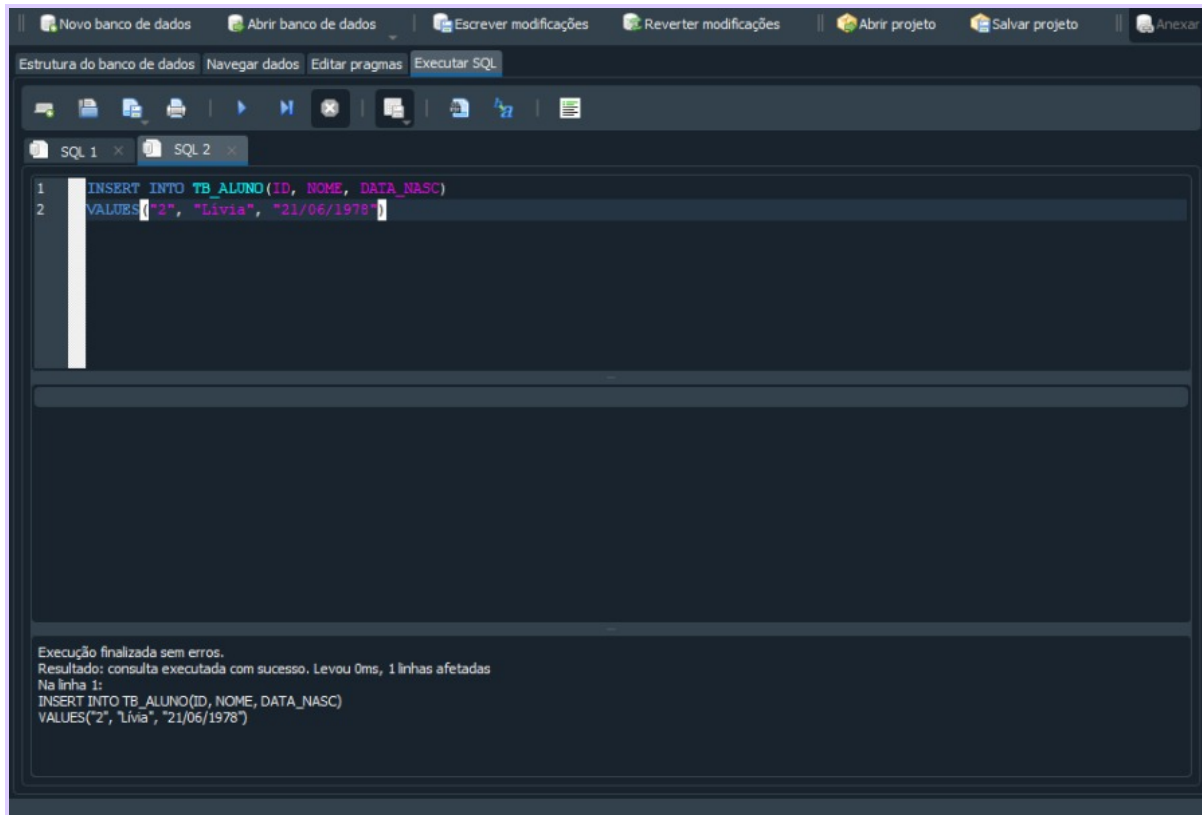
```
SC" TEXT NOT NULL, PRIMARY KEY("ID" AUTOINCREMENT) )
```

```
RY KEY("ID" AUTOINCREMENT) )
```

```
NULL, "ALUNO_ID" INTEGER NOT NULL, "DISCIPLINA_ID" INTEGER NOT NULL, PRIMARY KEY("ID" AUTOINCREMENT), FOREIGN KEY("DISCIPLINA_ID") REFERENCES "TB_DISCIPLINA"("ID"), FOREIGN KEY("ALUNO_ID") REFERENCES "TB_ALUNO"("ID") )
```

```
A_NASC" TEXT NOT NULL, PRIMARY KEY("ID" AUTOINCREMENT) )
```





## 6) Fazer o UPLOAD do arquivo SCA\_DB.bd para o seu Replit.

