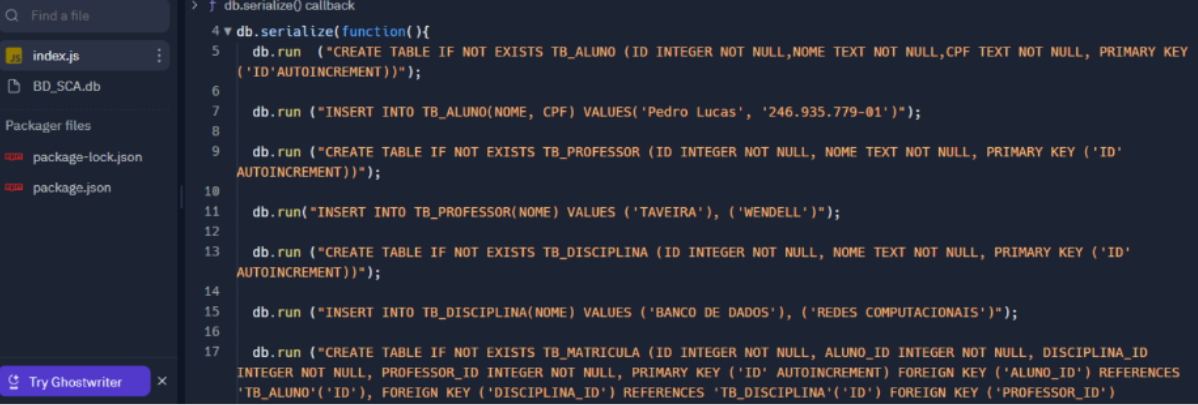
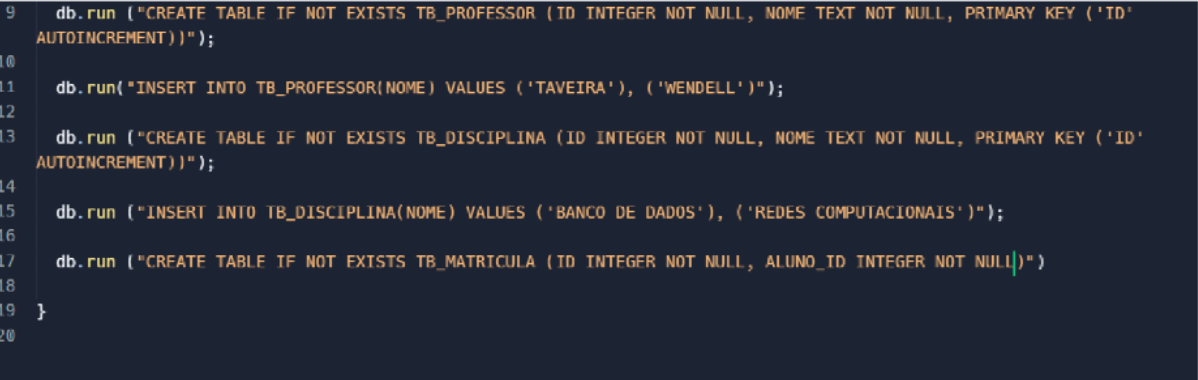


Pedro Lucas Farias de Melo
Isadora Fontenele Gomes
P4 - Informática

INSERT:



```
4 db.serialize(function(){
5   db.run ("CREATE TABLE IF NOT EXISTS TB_ALUNO (ID INTEGER NOT NULL,NOME TEXT NOT NULL,CPF TEXT NOT NULL, PRIMARY KEY
('ID'AUTOINCREMENT))");
6
7   db.run ("INSERT INTO TB_ALUNO(NOME, CPF) VALUES ('Pedro Lucas', '246.935.779-01')");
8
9   db.run ("CREATE TABLE IF NOT EXISTS TB_PROFESSOR (ID INTEGER NOT NULL, NOME TEXT NOT NULL, PRIMARY KEY ('ID'
AUTOINCREMENT))");
10
11   db.run("INSERT INTO TB_PROFESSOR(NOME) VALUES ('TAVEIRA'), ('WENDELL')");
12
13   db.run ("CREATE TABLE IF NOT EXISTS TB_DISCIPLINA (ID INTEGER NOT NULL, NOME TEXT NOT NULL, PRIMARY KEY ('ID'
AUTOINCREMENT))");
14
15   db.run ("INSERT INTO TB_DISCIPLINA(NOME) VALUES ('BANCO DE DADOS'), ('REDES COMPUTACIONAIS')");
16
17   db.run ("CREATE TABLE IF NOT EXISTS TB_MATRICULA (ID INTEGER NOT NULL, ALUNO_ID INTEGER NOT NULL, DISCIPLINA_ID
INTEGER NOT NULL, PROFESSOR_ID INTEGER NOT NULL, PRIMARY KEY ('ID' AUTOINCREMENT) FOREIGN KEY ('ALUNO_ID') REFERENCES
'TB_ALUNO'('ID'), FOREIGN KEY ('DISCIPLINA_ID') REFERENCES 'TB_DISCIPLINA'('ID') FOREIGN KEY ('PROFESSOR_ID')
REFERENCES 'TB_PROFESSOR'('ID'))");
18
19 }
20
```



```
9   db.run ("CREATE TABLE IF NOT EXISTS TB_PROFESSOR (ID INTEGER NOT NULL, NOME TEXT NOT NULL, PRIMARY KEY ('ID'
AUTOINCREMENT))");
10
11   db.run("INSERT INTO TB_PROFESSOR(NOME) VALUES ('TAVEIRA'), ('WENDELL')");
12
13   db.run ("CREATE TABLE IF NOT EXISTS TB_DISCIPLINA (ID INTEGER NOT NULL, NOME TEXT NOT NULL, PRIMARY KEY ('ID'
AUTOINCREMENT))");
14
15   db.run ("INSERT INTO TB_DISCIPLINA(NOME) VALUES ('BANCO DE DADOS'), ('REDES COMPUTACIONAIS')");
16
17   db.run ("CREATE TABLE IF NOT EXISTS TB_MATRICULA (ID INTEGER NOT NULL, ALUNO_ID INTEGER NOT NULL, DISCIPLINA_ID
INTEGER NOT NULL, PROFESSOR_ID INTEGER NOT NULL, PRIMARY KEY ('ID' AUTOINCREMENT) FOREIGN KEY ('ALUNO_ID') REFERENCES
'TB_ALUNO'('ID'), FOREIGN KEY ('DISCIPLINA_ID') REFERENCES 'TB_DISCIPLINA'('ID') FOREIGN KEY ('PROFESSOR_ID')
REFERENCES 'TB_PROFESSOR'('ID'))");
18
19 }
20
```

SELECT:

```

24
25 ▼ db.each("SELECT ID, NOME, CPF FROM TB_ALUNO",
function(err,row) {
26     console.log(rew.ID + row.NOME + row.CPF);
27 })
28 ▼ db.each("SELECT ID, NOME FROM TB_DISCIPLINA",
function(err,row) {
29     console.log(rew.ID + row.NOME);
30 })
31
32 ▼ db.each("SELECT ID, NOME FROM TB_PROFESSOR",
function(err,row) {
33     console.log(rew.ID + row.NOME);
34 })
35
36 ▼ db.each("SELECT ID, ALUNO_ID, DISCIPLINA_ID,PROFESSOR_ID
FROM TB_MATRICULA", function(err,row) {
37     console.log(rew.ID + row.ALUNO_ID + row.DISCIPLINA_ID +
row.PROFESSOR_ID);
38 })

```

ID	NOME	CPF
Filtro	Filtro	Filtro
1	Ped...	246...

ID	NOME
Filtro	Filtro
1	BANCO DE DADOS
2	REDES COMPUTACIONAIS

ID	ALUNO_ID	DISCIPLINA_ID	PROFESSOR_ID
Filtro	Filtro	Filtro	Filtro
1	1	1	1

ID	NOME
Filtro	Filtro
1	TAVEIRA
2	WENDELL

ID	DISCIPLINA_ID	PROFESSOR_ID
Filtro	Filtro	Filtro
1	1	1
2	2	2