

trabalho do taveira

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//Questão 1

var sqlite3 = require('sqlite3');

var db = new sqlite3.Database('BD_SCA.db');

db.serialize(function() {

//Questão 2

db.run("CREATE TABLE IF NOT EXISTS TB_ALUNO (id INTEGER PRIMARY KEY, nome TEXT);

db.run("CREATE TABLE IF NOT EXISTS TB_DISCIPLINA (id INTEGER PRIMARY KEY, nome TEXT);

db.run("CREATE TABLE IF NOT EXISTS TB_PROFESSOR (id INTEGER PRIMARY KEY, nome TEXT);

db.run("CREATE TABLE IF NOT EXISTS TB_MATRICULA (id INTEGER PRIMARY KEY, aluno_id INTEGER REFERENCES TB_ALUNO(id), disciplina_id INTEGER REFERENCES TB_DISCIPLINA(id), professor_id INTEGER REFERENCES TB_PROFESSOR(id));

db.run("CREATE TABLE IF NOT EXISTS TB_PROFESSOR_DISCIPLINA (id INTEGER PRIMARY KEY, disciplina_id INTEGER REFERENCES TB_DISCIPLINA(id), professor_id INTEGER REFERENCES TB_PROFESSOR(id));

```
});
```

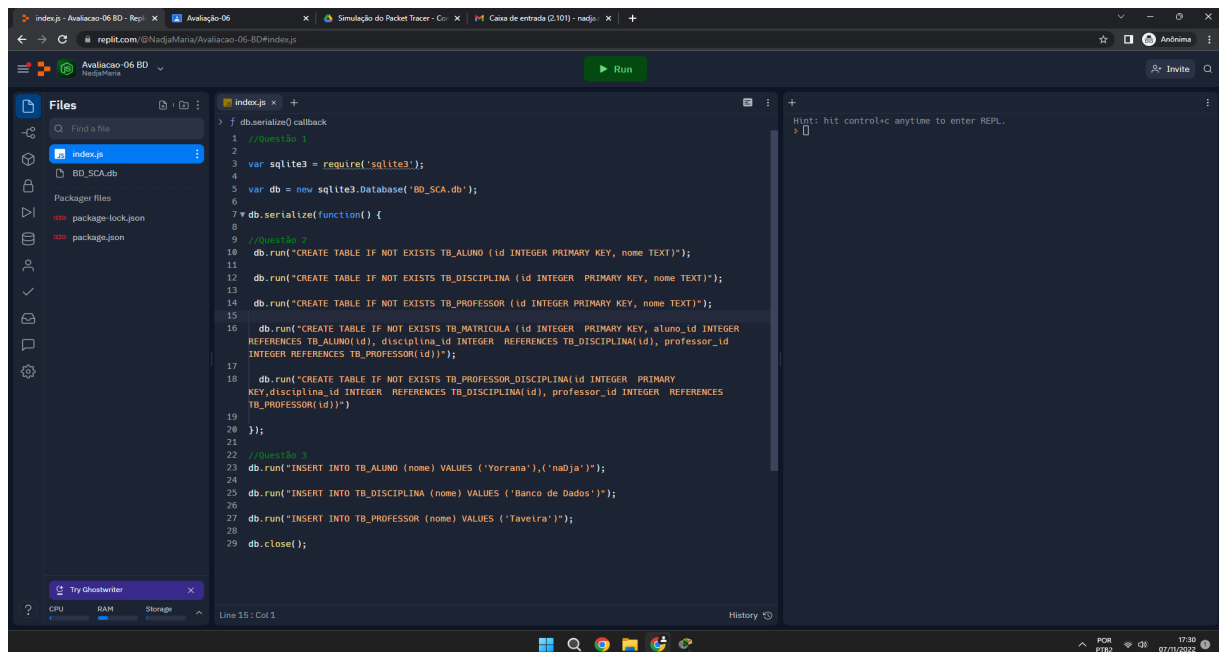
//Questão 3

```
db.run("INSERT INTO TB_ALUNO (nome) VALUES ('Yorrana'),('naDja')");
```

```
db.run("INSERT INTO TB_DISCIPLINA (nome) VALUES ('Banco de Dados')");
```

```
db.run("INSERT INTO TB_PROFESSOR (nome) VALUES ('Taveira')");
```

```
db.close();
```



```
> f db.serialize() callback
1 //Questão 1
2
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5 var db = new sqlite3.Database('BD_SCA.db');
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7 db.serialize(function() {
8
9 //Questão 2
10
11 db.run("CREATE TABLE IF NOT EXISTS TB_ALUNO (id INTEGER PRIMARY KEY, nome TEXT)");
12
13 db.run("CREATE TABLE IF NOT EXISTS TB_DISCIPLINA (id INTEGER PRIMARY KEY, nome TEXT)");
14
15 db.run("CREATE TABLE IF NOT EXISTS TB_PROFESSOR (id INTEGER PRIMARY KEY, nome TEXT)");
16
17 db.run("CREATE TABLE IF NOT EXISTS TB_MATRICULA (id INTEGER PRIMARY KEY, aluno_id INTEGER
REFERENCES TB_ALUNO(id), disciplina_id INTEGER REFERENCES TB_DISCIPLINA(id), professor_id
INTEGER REFERENCES TB_PROFESSOR(id))");
18
19 db.run("CREATE TABLE IF NOT EXISTS TB_PROFESSOR_DISCIPLINA(id INTEGER PRIMARY
KEY, disciplina_id INTEGER REFERENCES TB_DISCIPLINA(id), professor_id INTEGER REFERENCES
TB_PROFESSOR(id))");
20
21 });
22
23 //Questão 3
24 db.run("INSERT INTO TB_ALUNO (nome) VALUES ('Yorrana'),('naDja')");
25
26 db.run("INSERT INTO TB_DISCIPLINA (nome) VALUES ('Banco de Dados')");
27
28 db.run("INSERT INTO TB_PROFESSOR (nome) VALUES ('Taveira')");
29
30 db.close();
```