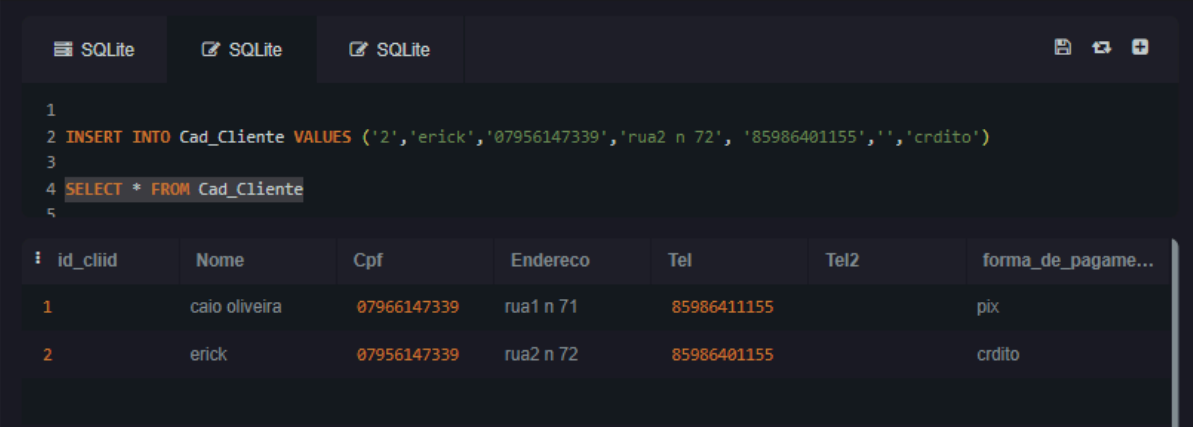


1) Crie o modelo no banco de Dados SQLITE + DBrowser. Lembre-se de marcar as chaves primárias e chaves estrangeiras

```
CREATE TABLE Cad_Cliente (id_cliid INTEGER PRIMARY KEY AUTOINCREMENT , Nome
text(45),Cpf char(11) NOT NULL,
Endereco varchar(45),Tel char(11),Tel2 char(11),forma_de_pagamento text(20),
FOREIGN KEY(forma_de_pagamento) REFERENCES PAG(id_codigo))
```

```
CREATE TABLE PAG(id_codigo INTEGER PRIMARY KEY AUTOINCREMENT,forma_de_pagamento
text(20))
```



The screenshot shows the DB Browser for SQLite interface. The SQL editor contains the following commands:

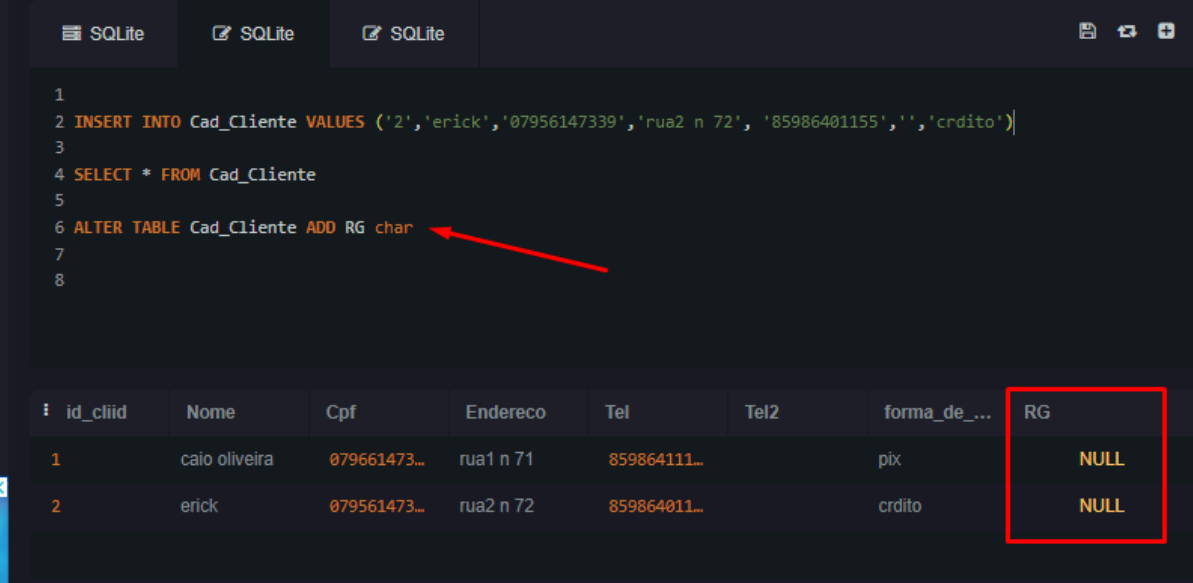
```
1
2 INSERT INTO Cad_Cliente VALUES ('2','erick','07956147339','rua2 n 72', '85986401155','','crdito')
3
4 SELECT * FROM Cad_Cliente
5
```

Below the editor, the 'Cad\_Cliente' table is displayed with the following data:

id_cliid	Nome	Cpf	Endereco	Tel	Tel2	forma_de_pagame...
1	caio oliveira	07966147339	rua1 n 71	85986411155		pix
2	erick	07956147339	rua2 n 72	85986401155		crdito

2) Altere a tabela no banco de dados usando comando SQL

2.1) Adicione RG



The screenshot shows the DB Browser for SQLite interface. The SQL editor contains the following commands:

```
1
2 INSERT INTO Cad_Cliente VALUES ('2','erick','07956147339','rua2 n 72', '85986401155','','crdito')
3
4 SELECT * FROM Cad_Cliente
5
6 ALTER TABLE Cad_Cliente ADD RG char
7
8
```

Below the editor, the 'Cad\_Cliente' table is displayed with the following data:

id_cliid	Nome	Cpf	Endereco	Tel	Tel2	forma_de_...	RG
1	caio oliveira	079661473...	rua1 n 71	859864111...		pix	NULL
2	erick	079561473...	rua2 n 72	859864011...		crdito	NULL

## 2.2) Altere cpf para cpf\_cliente

```
5
6
7 ALTER TABLE Cad_Cliente RENAME COLUMN Cpf TO cpf_cliente
8
9 SELECT * FROM Cad_Cliente
```

#	id_cliid	Nome	cpf_cliente	Endereco	Tel	Tel2	forma_de_...	RG
1	1	caio oliveira	079661473...	rua1 n 71	859864111...		pix	NULL
2	2	erick	079561473...	rua2 n 72	859864011...		credito	NULL

## 3) Insira tuplas no banco de dados usando comando SQL

```
1
2 INSERT INTO Cad_Cliente VALUES ('2','erick','07956147339','rua2 n 72', '85986401155','','credito')
3 UPDATE Cad_Cliente SET nome 'gabriel santos' WHERE id_cliid = 1
4
5
```

#	id_cliid	Nome	Cpf	Endereco	Tel	Tel2	forma_de_pagame...
1	1	caio oliveira	07966147339	rua1 n 71	85986411155		pix
2	2	erick	07956147339	rua2 n 72	85986401155		credito

## 4) Delete tuplas no banco de dados usando comando SQL

```
<
7
8
9 DELETE FROM Cad_Cliente WHERE id_cliid = 1
10 SELECT * FROM Cad_Cliente
<
<
<
```

#	id_cliid	Nome	cpf_cliente	Endereco	Tel	Tel2	forma_de_...	RG
<	2	erick	07956147339	rua2 n 72	85986401155		credito	NULL

### 6.1) Faça buscas com "\*"

```
2 INSERT INTO Cad_Cliente VALUES ( 1, 'Caio Oliveira', 07966147339, 'rua1 n 71', 85986411155, 8860417755, 'pix', 11111111111111111111);
3
4 SELECT * FROM Cad_Cliente
```

id_cliid	Nome	cpf_cliente	Endereco	Tel	Tel2	forma_de_...	RG
1	caio oliveira	07966147339	rua1 n 71	85986411155	8860417755	pix	11111111111111111111
2	erick	07956147339	rua2 n 72	85986401155		credito	NULL

```
3
4 SELECT * FROM Cad_Cliente WHERE id_cliid = 2
```

id_cliid	Nome	cpf_cliente	Endereco	Tel	Tel2	forma_de_...	RG
2	erick	07956147339	rua2 n 72	85986401155		crdito	NULL

```
1
2 INSERT INTO Cad_Cliente VALUES ('1','caio oliveira','07966147339','rua1 n 71', '85986411155','8860417755','pix','1111
3
4 SELECT * FROM Cad_Cliente
```

#	id_cliid	Nome	cpf_cliente	Endereco	Tel	Tel2	forma_de...	RG
1		caio oliveira	07966147339	rua1 n 71	85986411155	8860417755	pix	111111111...
2		erick	07956147339	rua2 n 72	85986401155		credito	NULL

