

INSTITUTO FEDERAL

São Paulo

Câmpus Votuporanga

GERENCIAMENTO DE BANCO DE DADOS

Atividade 21 de Novembro





Cauã de Lima Santana
Júlia Bispo Santos

VOTUPORANGA
NOVEMBRO/2023

TABELA CRIMINOSO

```
1  --TABELA CRIMINOSO
2
3  CREATE TABLE CRIMINOSO (codcriminoso serial,
4                             nome varchar(40),
5                             doc_identificacao int,
6                             CONSTRAINT Pk_CRIMINOSO PRIMARY KEY (codcriminoso));
7
8  INSERT INTO CRIMINOSO VALUES (default, 'Pedro', 111),
9  (default, 'Julia', 222),
10 (default, 'Samuel', 333),
11 (default, 'Rafael', 444),
12 (default, 'Anna', 555),
13 (default, 'Nelson', 666),
14 (default, 'Gustavo', 777);
15
16 SELECT * FROM CRIMINOSO;
17
```

Data Output Explain Messages Notifications

		codcriminoso [PK] integer 	nome character varying (40) 	doc_identificacao integer 	
1		1	Pedro	111	
2		2	Julia	222	
3		3	Samuel	333	
4		4	Rafael	444	
5		5	Anna	555	
6		6	Nelson	666	
7		7	Gustavo	777	

Chave-primária: codcriminoso


TABELA VITIMA

```

20 CREATE TABLE VITIMA(codvitima serial,
21                       cidade varchar(40),
22                       RG int,
23                       nome varchar(40),
24                       CONSTRAINT Pk_VITIMA PRIMARY KEY (codvitima));
25
26 INSERT INTO VITIMA VALUES (default, 'Votuporanga', 101, 'Kayky'),
27 (default, 'Votuporanga', 102, 'Ricardo'),
28 (default, 'Cosmorama', 103, 'Cauã'),
29 (default, 'Cardoso', 104, 'Théo'),
30 (default, 'Rio Preto', 105, 'Natal'),
31 (default, 'Valentim Gentil', 106, 'Leonardo'),
32 (default, 'Mirassol', 107, 'Malu'),
33 (default, 'Votuporanga', 108, 'Thiago');
34
35 SELECT * FROM VITIMA;
36

```

Data Output Explain Messages Notifications

	 codvitima [PK] integer		cidade character varying (40)		rg integer		nome character varying (40)	
1	1		Votuporanga		101		Kayky	
2	2		Votuporanga		102		Ricardo	
3	3		Cosmorama		103		Cauã	
4	4		Cardoso		104		Théo	
5	5		Rio Preto		105		Natal	
6	6		Valentim Gentil		106		Leonardo	
7	7		Mirassol		107		Malu	
8	8		Votuporanga		108		Thiago	

Chave-primária: codvitima






TABELA DELEGACIA

```

37  --TABELA DELEGACIA
38
39  CREATE TABLE DELEGACIA (codel serial,
40                          endereco varchar(40),
41                          delegado varchar(40),
42                          telefone int,
43                          CONSTRAINT Pk_DELEGACIA PRIMARY KEY (codel));
44
45  INSERT INTO DELEGACIA VALUES (default, 'Rua Banana', 'Peixoto', 40020922),
46  (default, 'Rua Peixes', 'Lima', 40020923),
47  (default, 'Rua Alegria', 'Mioto', 40020924);
48
49  SELECT * FROM DELEGACIA;
50

```

Data Output Explain Messages Notifications

	 codel [PK] integer 	endereco character varying (40) 	delegado character varying (40) 	telefone integer 	
1	1	Rua Banana	Peixoto	40020922	
2	2	Rua Peixes	Lima	40020923	
3	3	Rua Alegria	Mioto	40020924	







Chave-primária: codel

TABELA CRIME

```

53 CREATE TABLE CRIME (codcrime serial,
54                        data date,
55                        local varchar(40),
56                        coddel int,
57                        codvitima int,
58                        codcriminoso int,
59                        CONSTRAINT Pk_CRIME PRIMARY KEY (codcrime),
60                        CONSTRAINT fk_DELEGACIA_CRIME FOREIGN KEY (coddel) REFERENCES DELEGACIA (coddel),
61                        CONSTRAINT fk_VITIMA_CRIME FOREIGN KEY (codvitima) REFERENCES VITIMA (codvitima),
62                        CONSTRAINT fk_CRIMINOSO_CRIME FOREIGN KEY (codcriminoso) REFERENCES CRIMINOSO (codcriminoso));
63
64 INSERT INTO CRIME VALUES (default, '2020-03-22', 'IFSP', 1, 1, 1),
65 (default, '2020-04-12', 'Hospital', 2, 2, 2),
66 (default, '2021-05-02', 'Banco', 3, 3, 3),
67 (default, '2020-06-07', 'Avenida', 1, 4, 4),
68 (default, '2022-07-14', 'Rua', 2, 5, 5),
69 (default, '2019-08-09', 'Mercadinho', 3, 6, 6),
70 (default, '2023-09-23', 'Concha Acústica', 1, 7, 7),
71 (default, '2017-10-30', 'Praça da Matriz', 2, 8, 1),
72 (default, '2006-11-30', 'IFSP', 3, 1, 2),
73 (default, '2030-12-29', 'Banco', 1, 2, 3);
74
75 SELECT * FROM CRIME;

```

Data Output		Explain	Messages	Notifications			
	 codcrime [PK] integer	 data date	 local character varying (40)	 codel integer	 codvitima integer	 codcriminoso integer	
1		1 2020-03-22	IFSP		1	1	1
2		2 2020-04-12	Hospital		2	2	2
3		3 2021-05-02	Banco		3	3	3
4		4 2020-06-07	Avenida		1	4	4
5		5 2022-07-14	Rua		2	5	5
6		6 2019-08-09	Mercadinho		3	6	6
7		7 2023-09-23	Concha Acústica		1	7	7
8		8 2017-10-30	Praça da Matriz		2	8	1
9		9 2006-11-30	IFSP		3	1	2
10		10 2030-12-29	Banco		1	2	3

Chave-primária: codcrime. Chaves-estrangeiras: coddel, codvitima e codcriminoso

6)

```

77 --6) SELECIONE O CRIMINOSO COM O NOME RAFAEL
78
79 SELECT * FROM CRIMINOSO WHERE nome = 'Rafael';
80

```






Data Output		Explain	Messages	Notifications
	<div>codcriminoso</div> <div>[PK] integer</div>	<div>nome</div> <div>character varying (40)</div>	<div>doc_identificacao</div> <div>integer</div>	
1	4	Rafael	444	

```

81  -- SELECIONE AS VITIMAS QUE RESIDEM NO MUNICÍPIO DE VOTUPORANGA
82
83  SELECT * FROM VITIMA WHERE cidade = 'Votuporanga';
84

```

Data Output Explain Messages Notifications




		codvitima [PK] integer 	cidade character varying (40) 	rg integer 	nome character varying (40) 	
1		1	Votuporanga	101	Kayky	
2		2	Votuporanga	102	Ricardo	
3		8	Votuporanga	108	Thiago	

```

85  -- SELECIONE O NOME DOS CRIMINOSOS QUE COMETERAM CRIMES NO IFSP
86
87  SELECT CRIMINOSO.nome, CRIME.local
88  FROM CRIMINOSO INNER JOIN CRIME
89  ON CRIMINOSO.codcriminoso = CRIME.codcriminoso
90  WHERE CRIME.local = 'IFSP';
91

```

Data Output Explain Messages Notifications



		nome character varying (40) 	local character varying (40) 	
1		Pedro	IFSP	
2		Julia	IFSP	

```

92  --SELECIONE O NOME DAS VÍTIMAS DOS CRIMES OCORRIDOS NO BANCO
93
94  SELECT VITIMA.nome, CRIME.local
95  FROM VITIMA INNER JOIN CRIME
96  ON VITIMA.codvitima = CRIME.codvitima
97  WHERE CRIME.local = 'Banco';
98

```

Data Output Explain Messages Notifications

		nome character varying (40) 	local character varying (40) 	
1		Ricardo	Banco	
2		Cauã	Banco	