

1 e 2

CREATE TABLE peca(

PeNro **INT NOT NULL**,
PeNome **VARCHAR(100) NOT NULL**,
PePreco **FLOAT NOT NULL**,
Cor **VARCHAR(50)**,

PRIMARY KEY (PeNro));

CREATE TABLE fornecedor(

FNro **INT NOT NULL**,
FNome **VARCHAR(100) NOT NULL**,
FCidade **VARCHAR(100) NOT NULL**,
FCateg **VARCHAR(100) NOT NULL**,

PRIMARY KEY (FNro));

CREATE TABLE projeto(

PNro **INT NOT NULL**,
PNome **VARCHAR(100) NOT NULL**,
PDuracao **FLOAT NOT NULL**,
PCusto **DECIMAL(5,2) NOT NULL**,

PRIMARY KEY (PNro));

CREATE TABLE fornece_para(

PeNro **INT NOT NULL**,
FNro **INT NOT NULL**,
PNro **INT NOT NULL**,
Quant **INT NOT NULL**,

PRIMARY KEY (PeNro, FNro, PNro),

FOREIGN KEY (PeNro) **REFERENCES** peca(PeNro),
FOREIGN KEY (FNro) **REFERENCES** fornecedor(FNro),
FOREIGN KEY (PNro) **REFERENCES** fornece_para(PNro));

3

INSERT INTO peca VALUES

(150, 'Roda', 100.00, 'Prata'),
(160, 'Cambio', 500.00, 'Preto'),
(170, 'Vidro', 2000.00, 'Transparente'),
(180, 'Capoo', 800.00, 'Prata') ;

INSERT INTO fornecedor VALUES

(1, 'Renan', 'Cornelio Procopio', 'Chefe'),
(2, 'Rafael', 'Curutiba', 'Vendedor1'),
(3, 'Roberto', 'Londrina', 'vendedor2'),
(4, 'Ricardo', 'Toledo', 'vendedor3') ;

INSERT INTO projeto VALUES

(1, 'P1', 90, 20000),
(2, 'P2', 180, 300000),
(3, 'P3', 360, 400000),
(4, 'P4', 400, 500000),
(5, 'P5', 500, 700000) ;

INSERT INTO fornece_para VALUES

(1, 2, 3, 1000),
(1, 3, 2, 2000),
(3, 1, 2, 3000) ;

4

a) **SELECT** PeNome

FROM peca;

b) **SELECT** Fnome, FNro

FROM fornecedor

WHERE FCidade='Campinas';

c) **SELECT** PNome, PDuracao

FROM projeto;

d) **SELECT** PNome

FROM projeto

WHERE PCusto<3000;

e) **SELECT** PeNome

FROM peca

WHERE Cor='Vermelha' and PePreco>500;

f) **SELECT** PNome
FROM projeto
WHERE PCusto>1000 and PCusto<5000;

g) **SELECT** FNro
FROM fornece_para
WHERE PNro=5;

h) **SELECT** FNome
FROM Peça AS P, Fornece_para AS FP, Fornecedor AS F
WHERE P.PeNro = FP.PeNro **AND**
F.FNro = FP.FNro **AND**
PeNome = 'Porafuso';

m) **SELECT** FNome, FNro
FROM Fornecedor F
JOIN Fornecedor F2
ON F.Fcidade = F2.FCidade
WHERE F.Fnome = 'Vulcan'

5

UPDATE peca
SET Cor= 'Verde'
WHERE PePreco=3.00 **OR** PePreco=10.00 **OR** PePreco=30.00;

6

CREATE TABLE categoria_peca(
PeNro **INT NOT NULL**,
Categoria **VARCHAR(100) NOT NULL**,
Descricao **VARCHAR(200) NOT NULL**,

PRIMARY KEY (PeNro),
FOREIGN KEY (PeNro) **REFERENCES** peca(PeNro),);