

Exercícios SQL (Folha 1 - Interrogação de Bases de Dados)

16) SELECT O.IDC
FROM Organizacao O

EXCEPT

SELECT O.IDC
FROM Organizacao O
WHERE O.Funcao <> 'cocondemados'

SELECT O.IDC
FROM Organizacao O
WHERE O.IDC NOT IN (
SELECT O.IDC
FROM Organizacao O
WHERE O.Funcao <> 'cocondemados'
)

SELECT C.IDC

FROM Organizacao O

WHERE NOT EXISTS (

SELECT IDC

FROM Organizacao

WHERE Funcao <> 'coordenador' AND IDC = O.IDC.

)

⑬ SELECT C.Nome

FROM Ciclista C, Participacao P1, Participacao P2

WHERE (C.IDC = P1.IDC)

AND (C.IDC = P2.IDC)

AND (P1.IDT <> P2.IDT)

⑭ SELECT C.Nome

FROM Ciclista C, Participacao P1, Participacao P2

WHERE (C.IDC = P1.IDC)

AND (C.IDC = P2.IDC)

AND (P1.IDT <> P2.IDT)

AND (P1.IDB = P2.IDB)

⑮ SELECT C.Nome

FROM Ciclista C, Participacao P1

WHERE (C.IDC = P1.IDC)

AND NOT EXISTS (

SELECT *

FROM Participacao

WHERE (IDB <> P1.IDB)

AND (IDC = C.IDC)

)

⑯ SELECT IDB, Modelo

FROM Bicicleta B, Participacao P1, Participacao P2

WHERE (P1.IDB = B.IDB)

AND (P2.IDB = B.IDB)

AND (P1.IDT <> P2.IDT)

⑰

SELECT Nome

FROM Ciclista C, Participacao P, Bicicleta B

WHERE (C.IDC = P.IDC)

AND (P.IDB = B.IDB)

AND (P.IDC <> B.IDC)

22) SELECT C1.Nome
 From Tb1 Organizacao O1, Tb1 Ciclista C1
 where O1.Funcao = 'organizador' AND (C1.IDC = O1.IDC)
 EXCEPT

SELECT C2.Nome
 From Tb1 Participacao P, Tb1 Organizacao O2, Tb1 Ciclista C2
 where (C2.IDC = P.IDC) AND (C2.IDC = O2.IDC) AND (P.IDT = O2.IDT) AND
 (C2.Funcao = 'organizador')

23) SELECT Nome
 From Ciclista
 where NOT EXISTS (
 SELECT IDT
 From Participacao
 where (IDC = C.IDC)
)

24) SELECT C1.Nome, C2.Nome, P.Tipo
 From Tb1 Ciclista C1, Tb1 Ciclista C2, Tb1 Parente P
 where (C1.IDC = P.IDC-A) AND (C2.IDC = P.IDC-B)

25) SELECT C1.Nome, C2.Nome, P.Tipo
 From Tb1 Ciclista C1, Tb1 Ciclista C2, Tb1 Parente P
 where (C1.IDC = P.IDC-A)
 AND (C2.IDC = P.IDC-B)
 AND (C1.IDL-Residencia <> C2.IDL-Residencia)

26) SELECT C.Nome
 From Tb1 Ciclista C, Tb1 Pensao Pen, Tb1 Participacao Pan
 where (C.IDC = Pan.IDC) AND (Pan.IDT = Pen.IDT) AND (C.IDL-Residencia
 = Pen.IDL)

27) SELECT COUNT (Manch)
 From Fabricante

28) SELECT COUNT (*)
 From Fabricante
 where Mancha = 'onbita'

29 SELECT MIN(Pneco), MAX(Pneco), AVG(Pneco)
FROM Bicicleta B, fabricante F
WHERE B.IDF = F.IDF
AND Manca = 'orbital'

30 SELECT AVG(IDade)
FROM Bicicleta B, fabricante F, Ciclista C
WHERE B.IDF = F.IDF
AND Manca = 'orbital'
AND B.IDC = C.IDC

31 SELECT COUNT(C.Gemeno)
FROM TBciclista C, TBbicicleta B, TBfabricante F
WHERE (C.IDC = B.IDC)
AND (B.IDF = F.IDF)
AND (F.Manca = 'orbital')
AND (C.Gemeno = 'F')

32 SELECT COUNT(T.Designacao), AVG(T.Comprimento)
FROM Toun T
WHERE T.Designacao = 'Passeio'

33 SELECT IDC
FROM Bicicleta B, fabricante F
WHERE pneco = (
SELECT MIN(Pneco)
FROM Bicicleta B1, fabricante F1
WHERE B1.IDF = F1.IDF
AND Manca = 'orbital'
)
AND (B.IDF = F.IDF)
AND (F.Manca = 'orbital')

34 SELECT C.IDC
FROM Ciclista C, Bicicleta B, fabricante F
WHERE C.IDC = B.IDC AND B.Pneco = (
SELECT MIN(B1.Pneco)
FROM Bicicleta B1, fabricante F1
WHERE B1.IDF = F1.IDF AND F1.Manca = 'orbital')

35) SELECT C.Nome
 From ciclista C, Bicicleta B, fabricante F, Participacao P
 where (F.IDF = B.IDC)
 AND (C.IDC = B.IDC)
 AND (C.IDC = P.IDC)
 AND (B.Preco = (
 SELECT MIN (B1.Preco)
 From Bicicleta B1, fabricante F1
 where B1.IDF = F1.IDF AND F1.Manca = 'orbital'
)
)

36) SELECT T.Designacao
 From Town T, Participacao P, Ciclista C, fabricante F, Bicicleta B
 where (T.IDT = P.IDT)
 AND (F.IDF = B.IDC)
 AND (C.IDC = B.IDC)
 AND (C.IDC = P.IDC)
 AND (B.Preco = (
 SELECT MIN (B1.Preco)
 From Bicicleta B1, fabricante F1
 where (B1.IDF = F1.IDF)
 AND (F1.Manca = 'orbital')
)
)

37) SELECT T.*
 From Town T, Pensuoso P1
 where (T.IDT = P1.IDT)
 AND (P1.Ondem = (
 SELECT COUNT (P2.Ondem)
 From Pensuoso P2
 where (P2.IDT = T.IDT)
 AND (P2.IDL = (
 SELECT P3.IDL
 From Pensuoso P3
 where (P3.IDT = T.IDT)
 AND (P3.Ondem = 1)
)
)
)

38 SELECT DISTINCT T.*
FROM Town T, Pencilso P
WHERE (

SELECT DISTINCT COUNT (P1.IDL)
FROM Pencilso P1
WHERE (T.IDT = P1.IDT)
) > 5
AND (T.IDT = P.IDT)