

Hands-On 13

4 de maio de 2021

Query

```
SELECT DISTINCT A.CPF, A.Nome  
FROM Funcionarios A  
WHERE A.CPF IN (SELECT CPF_Supervisor FROM Funcionarios)  
AND A.CPF NOT IN (SELECT CPF FROM Clientes)
```

Query Otimizada

```
SELECT DISTINCT CPF, CPF_Supervisor INTO TMP1  
FROM Funcionarios;  
SELECT DISTINCT A.CPF, A.Nome  
FROM Funcionarios A, TMP  
LEFT OUTER JOIN Clientes C ON A.CPF = C.CPF WHERE C.CPF IS NULL
```

Query

```
SELECT A.CodFilme, B.Nome  
FROM Midias A, Filmes B  
WHERE A.CodFilme = B.Codigo  
AND A.Tipo = 'DVD'  
OR A.Tipo = 'VHS'
```

Query Otimizada

```
SELECT A.CodFilme, B.Nome  
FROM Midias A, Filmes B  
WHERE A.CodFilme = B.Codigo AND (A.Tipo = 'DVD')  
UNION  
SELECT A.CodFilme, B.Nome  
FROM Midias A, Filmes B  
WHERE A.CodFilme = B.Codigo AND (A.Tipo = 'VHS')
```

Query

```
SELECT A.CPF_Cliente, A.ID_Midia, A.DataLocacao  
FROM Aluguel A, Clientes B  
WHERE A.CPF_Cliente = B.CPF  
AND B.Sexo != "F"  
AND EXISTS (SELECT * FROM Pagamentos C  
WHERE C.CPF_Cliente = A.CPF_Cliente  
AND C.ID_Midia = A.ID_Midia  
AND C.DataLocacao = A.DataLocacao)
```

Query Otimizada

```
SELECT * INTO TEMP  
FROM Pagamentos  
GROUP BY CPF_Cliente, ID_Midia, DataLocacao;  
SELECT DISTINCT A.CPF_Cliente, A.ID_Midia, A.DataLocacao  
FROM Aluguel A, Clientes B, TEMP C  
WHERE A.CPF_Cliente = B.CPF  
AND B.Sexo != "F"
```