

EXERCÍCIOS – COMPREENSÃO DE FUNCIONAMENTO DE CONSULTAS

1) Considere as tabelas A e B e a consulta SQL abaixo:

A		B	
CODIGO	VALOR	CODIGO	VALOR
1	2	1	1
2	3	1	2
4	4	2	3
5	5	2	4
		3	5

```
A) SELECT AVG (B.VALOR)
FROM A INNER JOIN B
ON (A.VALOR = B.CODIGO)
```

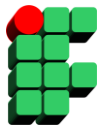
Resposta: 4.0

```
B) SELECT SUM (A.VALOR)
FROM A
WHERE A.CODIGO IN
(SELECT B.CODIGO FROM B)
OR EXISTS
(SELECT * FROM B
WHERE B.VALOR = A.VALOR)
```

RESPOSTA: 14

```
C) SELECT SUM (B.VALOR)
FROM B LEFT JOIN
(SELECT A.CODIGO
FROM A
WHERE A.VALOR =
(SELECT DISTINCT B.CODIGO*2
FROM B
WHERE A.CODIGO = B.CODIGO)) AS TABELA
ON (B.CODIGO = TABELA.CODIGO)
WHERE TABELA.CODIGO IS NULL
```

RESPOSTA: 12



2) Considere a tabela A e a consulta SQL abaixo:

HAVE	VALOR
1	1
1	2
1	3
2	2
2	4
3	6
3	3

A)

```
SELECT A.CHAVE
FROM A, (SELECT AVG (VALOR) AS VALOR2 FROM A) AS TAB
WHERE A.VALOR = TAB.VALOR2
GROUP BY CHAVE
ORDER BY CHAVE
```

Resposta: 1 e 3

B)

```
SELECT SUM (DISTINCT B.CHAVE)+ SUM(DISTINCT C.VALOR)
FROM A AS B INNER JOIN A AS C
ON (C.VALOR = B.CHAVE*3)
```

Resposta: 12

3) Considere a tabela W e a consulta SQL abaixo:

W	
VALOR	DADO
1	3
2	4
5	6
4	5

```
SELECT MAX (W.VALOR)
FROM W LEFT JOIN W AS Z
ON (W.VALOR = Z.DADO)
WHERE Z.DADO IS NULL;
```

Resposta: 2