**Lista de Exercícios Back End – LiveHelp 28/07/20**

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**Questionário**

**Questão 0**

**a)**

**select**

category,

**count**(honor)

**from** times

**group** **by** category

**order** **by** **count**(honor) **desc**

**limit** 5

**b)**

**select** \*

**from**

(**select**

category,

**count**(honor) **as** contagem

**from** times

**group** **by** category

**order** **by** **count**(honor) **desc**) **as** tabela

**where** tabela.contagem **between** 3 **and** 6

**c)**

**select**

"name",

category,

"year"

**from** times

**where** category **in**

(**select** category

**from**

(**select**

category,

**count**(honor) **as** contagem

**from** times

**group** **by** category

**order** **by** **count**(honor) **desc**) **as** tabela

**where** tabela.contagem **between** 3 **and** 6

**limit** 2)

**Questão 1**

**a)**

**select** \*

**from**

(**select**

birth\_country,

**count**(prize) **as** contagem

**from** nobel

**group** **by** birth\_country

**order** **by** **count**(prize) **desc**) **as** tabela

**where** tabela.contagem **between** 10 **and** 50

**b)**

**select** tabela.ratio

**from**

(**select**

prize\_share **as** ratio,

**count**(prize\_share)

**from** nobel

**group** **by** prize\_share

**order** **by** **count**(prize\_share)) **as** tabela

**c)**

**select**

full\_name,

category,

"year"

**from** nobel

**where** prize\_share **in**

(**select** tabela.ratio

**from**

(**select**

prize\_share **as** ratio,

**count**(prize\_share)

**from** nobel

**group** **by** prize\_share

**order** **by** **count**(prize\_share)) **as** tabela

**limit** 1)

**d)**

**select**

tabela2.category,

**count**(tabela2.full\_name)

**from**

(**select**

full\_name,

category,

"year"

**from** nobel

**where** prize\_share **in**

(**select** tabela.ratio

**from**

(**select**

prize\_share **as** ratio,

**count**(prize\_share)

**from** nobel

**group** **by** prize\_share

**order** **by** **count**(prize\_share)) **as** tabela

**limit** 1)) **as** tabela2

**group** **by** tabela2.category

**order** **by** **count**(tabela2.full\_name) **desc**

**e)**

**select** \*

**from**

(**select**

tabela2.category,

**count**(tabela2.full\_name)

**from**

(**select**

full\_name,

category,

"year"

**from** nobel

**where** prize\_share **in**

(**select** tabela.ratio

**from**

(**select**

prize\_share **as** ratio,

**count**(prize\_share)

**from** nobel

**group** **by** prize\_share

**order** **by** **count**(prize\_share)) **as** tabela

**limit** 1)) **as** tabela2

**group** **by** tabela2.category

**order** **by** **count**(tabela2.full\_name) **desc**) **as** tabela3

**limit** 1

**Questão 2**

**a)**

**select** nomes.names, **count**(nomes.names)

**from**

(**select** **unnest**(**string\_to\_array**("name", ' ')) **as** names

**from** cervejarias) **as** nomes

**group** **by** nomes.names

**order** **by** **count**(nomes.names) **desc**

**limit** 4

**b)**

**select** nomes.names, **count**(nomes.names)

**from**

(**select** **unnest**(**string\_to\_array**("name", ' ')) **as** names

**from** cervejas) **as** nomes

**group** **by** nomes.names

**order** **by** **count**(nomes.names) **desc**

**limit** 5

**c)**

**select** **count**(tabela1.contagem)

**from**

(**select** **count**(nomes.names) **as** contagem

**from**

(**select** **unnest**(**string\_to\_array**("name", ' ')) **as** names

**from** cervejarias) **as** nomes

**group** **by** nomes.names

**order** **by** **count**(nomes.names) **desc**) **as** tabela1

**where** tabela1.contagem = 1

**d)**

**select** **count**(tabela2.contagem)

**from**

(**select** **count**(tabela1.names) **as** contagem

**from**

(**select**

**unnest**(**string\_to\_array**("name",' ')) **as** names

**from** cervejas) **as** tabela1

**group** **by** tabela1.names

**order** **by** **count**(tabela1.names) **desc**) **as** tabela2

**where** tabela2.contagem = 1

**e)**

**select** \*

**from** (**select** **distinct** **unnest**(**string\_to\_array**(cervejarias."name", ' ')) **as** nome

**from** cervejarias) **as** tabela1

**where** tabela1.nome **in**

(**select** **distinct** **unnest**(**string\_to\_array**(cervejas."name", ' '))

**from** cervejas)**Questão 3**

**a)**

**select** **unnest**(**string\_to\_array**(casting, ',')) **as** nomes

**from** netflix

**group** **by** nomes

**b)**

**select**

tabela1.names,

**count**(tabela1.names)

**from**

(**select** **unnest**(**string\_to\_array**(casting, ', ')) **as** names

**from** netflix) **as** tabela1

**group** **by** tabela1.names

**order** **by** **count**(tabela1.names) **desc**

**c)**

**select**

tabela1.names,

**count**(tabela1.names)

**from**

(**select** **unnest**(**string\_to\_array**(casting, ', ')) **as** names

**from** netflix) **as** tabela1

**group** **by** tabela1.names

**order** **by** **count**(tabela1.names) **desc**

**limit 10**

**d)**

**select** \*

**from**

(**select**

tabela1.names,

**count**(tabela1.names) **as** contagem

**from**

(**select** **unnest**(**string\_to\_array**(casting, ', ')) **as** names

**from** netflix) **as** tabela1

**group** **by** tabela1.names

**order** **by** **count**(tabela1.names) **desc**) tabela2

**where**

(tabela2.contagem >= 10 **and** tabela2.contagem <= 30) **and**

tabela2.contagem **not** **between** 15 **and** 20

**limit** 10

**e)**

**select** \*

**from**

(**select**

tabela1.names,

**count**(tabela1.names) **as** contagem

**from**

(**select** **unnest**(**string\_to\_array**(casting, ', ')) **as** names

**from** netflix **where** country <> 'India' **and** country **not** **like** '%,%') **as** tabela1

**group** **by** tabela1.names

**order** **by** **count**(tabela1.names) **desc**) **as** tabela2

**where** tabela2.contagem >= 10

**f)**

**select** **unnest**(**string\_to\_array**(director,', '))

**from** netflix

**where** director **in**

(**select** **unnest**(**string\_to\_array**(casting, ', '))

**from** netflix)

**Questão 4**

**a)**

**select** title

**from** netflix

**where** country **not** **like** '%,%'

**b)**

**select** tabela1.nome

**from**

(**select** **unnest**(**string\_to\_array**(title, ' ')) **as** nome

**from** netflix **where** country **not** **like** '%,%') **as** tabela1

**group** **by** tabela1.nome

**order** **by** **count**(tabela1.nome) **desc**

**c)**

**select** \*

**from**

(**select**

tabela1.nome,

**count**(tabela1.nome) **as** contagem

**from**

(**select** **unnest**(**string\_to\_array**(title, ' ')) **as** nome

**from** netflix **where** country **not** **like** '%,%') **as** tabela1

**group** **by** tabela1.nome

**order** **by** **count**(tabela1.nome) **desc**) **as** tabela2

**where** tabela2.contagem **between** 20 **and** 40

**d)**

**select** tabela1.nome

**from**

(**select** **unnest**(**string\_to\_array**(title, ' ')) **as** nome

**from** netflix **where** country **not** **like** '%,%') **as** tabela1

**group** **by** tabela1.nome

**order** **by** **count**(tabela1.nome) **desc**

**offset** 7

**limit** 1