

Iuri da Costa Aragão

P4 informática

1.

ENTRADA:

```
1  SELECT
2      i.InvoiceId,
3      i.InvoiceDate,
4      ii.InvoiceLineId,
5      ii.UnitPrice,
6      SUM(ii.UnitPrice) OVER (PARTITION BY i.InvoiceId) AS total_da_fatura
7  FROM
8      invoices i
9  JOIN
10     invoice_items ii ON i.InvoiceId = ii.InvoiceId
11  ORDER BY
12     i.InvoiceId, ii.InvoiceLineId;
```

SAIDA:

	InvoiceId	InvoiceDate	InvoiceLineId	UnitPrice	total_da_fatura
2226	411	2013-12-14 00:00:00	2226	0.99	13.86
2227	411	2013-12-14 00:00:00	2227	0.99	13.86
2228	411	2013-12-14 00:00:00	2228	0.99	13.86
2229	411	2013-12-14 00:00:00	2229	0.99	13.86
2230	411	2013-12-14 00:00:00	2230	0.99	13.86
2231	411	2013-12-14 00:00:00	2231	0.99	13.86
2232	411	2013-12-14 00:00:00	2232	0.99	13.86
2233	411	2013-12-14 00:00:00	2233	0.99	13.86
2234	411	2013-12-14 00:00:00	2234	0.99	13.86
2235	411	2013-12-14 00:00:00	2235	0.99	13.86
2236	411	2013-12-14 00:00:00	2236	0.99	13.86
2237	411	2013-12-14 00:00:00	2237	0.99	13.86
2238	411	2013-12-14 00:00:00	2238	0.99	13.86
2239	411	2013-12-14 00:00:00	2239	0.99	13.86

```
Execução finalizada sem erros.
Resultado: 2240 linhas retornadas em 141 ms
Na linha 1:
SELECT
  i.InvoiceId,
  i.InvoiceDate,
  ii.InvoiceLineId,
  ii.UnitPrice,
  SUM(ii.UnitPrice) OVER (PARTITION BY i.InvoiceId) AS total_da_fatura
FROM
  invoices i
JOIN
  invoice_items ii ON i.InvoiceId = ii.InvoiceId
ORDER BY
  i.InvoiceId, ii.InvoiceLineId;
```

2.

ENTRADA:

```
1  SELECT
2      t.TrackId,
3      t.Name AS TrackName,
4      t.AlbumId,
5      al.Title AS AlbumTitle,
6      al.ArtistId,
7      ar.Name AS ArtistName
8  FROM
9      tracks t
10 JOIN
11     albums al ON t.AlbumId = al.AlbumId
12 JOIN
13     artists ar ON al.ArtistId = ar.ArtistId
14 ORDER BY
15     t.TrackId;
```

SAIDA:

	TrackId	TrackName	AlbumId	AlbumTitle	ArtistId	ArtistName
3489	3489	Symphony No. 2: III. Allegro vivace	334	Weill: The Seven Deadly Sins	264	Kent Nagano and Orchestre de ...
3490	3490	Partita in E Major, BWV 1006A: I. ...	335	J.S. Bach: Chaconne, Suite in E ...	265	Julian Bream
3491	3491	Le Sacre Du Printemps: I.iv. Spring...	336	Prokofiev: Symphony No.5 & ...	248	Berliner Philharmoniker & ...
3492	3492	Sing Joyfully	314	English Renaissance	247	The King's Singers
3493	3493	Metopes, Op. 29: Calypso	337	Szymanowski: Piano Works, Vol. 1	266	Martin Roscoe
3494	3494	Symphony No. 2, Op. 16 - "The Four...	338	Nielsen: The Six Symphonies	267	Göteborgs Symfoniker & Neeme ...
3495	3495	24 Caprices, Op. 1, No. 24, for Sol...	339	Great Recordings of the Century: ...	268	Itzhak Perlman
3496	3496	Étude 1, In C Major - Preludio ...	340	Liszt - 12 Études D'Execution ...	269	Michele Campanella
3497	3497	Erlkönig, D.328	341	Great Recordings of the Century - ...	270	Gerald Moore
3498	3498	Concerto for Violin, Strings and ...	342	Locatelli: Concertos for Violin, ...	271	Mela Tenenbaum, Pro Musica ...
3499	3499	Pini Di Roma (Pinien Von Rom) \ I ...	343	Respighi:Pines of Rome	226	Eugene Ormandy
3500	3500	String Quartet No. 12 in C Minor, D...	344	Schubert: The Late String Quartets ...	272	Emerson String Quartet
3501	3501	L'orfeo, Act 3, Sinfonia (Orchestra)	345	Monteverdi: L'Orfeo	273	C. Monteverdi, Nigel Rogers - ...
3502	3502	Quintet for Horn, Violin, 2 Violas,...	346	Mozart: Chamber Music	274	Nash Ensemble

```
Execução finalizada sem erros.
Resultado: 3503 linhas retornadas em 36 ms
Na linha 1:
SELECT
  t.TrackId,
  t.Name AS TrackName,
  t.AlbumId,
  al.Title AS AlbumTitle,
  al.ArtistId,
  ar.Name AS ArtistName
FROM
  tracks t
JOIN
  albums al ON t.AlbumId = al.AlbumId
JOIN
  artists ar ON al.ArtistId = ar.ArtistId
ORDER BY
  t.TrackId;
```

3.

ENTRADA:

```
1  SELECT
2      t.TrackId,
3      t.Name AS TrackName,
4      t.Milliseconds,
5      mt.MediaTypeId,
6      mt.Name AS MediaTypeName,
7      g.GenreId,
8      g.Name AS GenreName
9  FROM
10     Tracks t
11  JOIN
12     media_types mt ON t.MediaTypeId = mt.MediaTypeId
13  JOIN
14     Genres g ON t.GenreId = g.GenreId
15  WHERE
16     t.Milliseconds > 2000000
17  ORDER BY
18     t.TrackId;
```

SAIDA:

	TrackId	TrackName	Milliseconds	MediaTypeId	MediaTypeName	GenreId	GenreName
146	3337	Past, Present, and Future	2492867	3	Protected MPEG-4 video file	21	Drama
147	3338	The Beginning of the End	2611903	3	Protected MPEG-4 video file	21	Drama
148	3341	Confirmed Dead	2611986	3	Protected MPEG-4 video file	21	Drama
149	3342	The Economist	2609025	3	Protected MPEG-4 video file	21	Drama
150	3343	Eggtown	2608817	3	Protected MPEG-4 video file	19	TV Shows
151	3344	The Constant	2611569	3	Protected MPEG-4 video file	21	Drama
152	3345	The Other Woman	2605021	3	Protected MPEG-4 video file	21	Drama
153	3346	Ji Yeon	2588797	3	Protected MPEG-4 video file	19	TV Shows
154	3347	Meet Kevin Johnson	2612028	3	Protected MPEG-4 video file	19	TV Shows
155	3348	The Shape of Things to Come	2591299	3	Protected MPEG-4 video file	21	Drama
156	3360	Something Nice Back Home	2612779	3	Protected MPEG-4 video file	21	Drama
157	3361	Cabin Fever	2612028	3	Protected MPEG-4 video file	21	Drama
158	3362	There's No Place Like Home, Pt. 1	2609526	3	Protected MPEG-4 video file	21	Drama
159	3363	There's No Place Like Home, Pt. 2	2497956	3	Protected MPEG-4 video file	21	Drama

```
Execução finalizada sem erros.
Resultado: 160 linhas retornadas em 36 ms
Na linha 1:
SELECT
    t.TrackId,
    t.Name AS TrackName,
    t.Milliseconds,
    mt.MediaTypeId,
    mt.Name AS MediaTypeName,
    g.GenreId,
    g.Name AS GenreName
FROM
    Tracks t
JOIN
    media_types mt ON t.MediaTypeId = mt.MediaTypeId
JOIN
    Genres g ON t.GenreId = g.GenreId
WHERE
    t.Milliseconds > 2000000
ORDER BY
    t.TrackId;
```