

(Only showed maximum 6 rows for all parts)

```
3  -- a. Find distinct track names that start with "Z". Sort the output alphabetically.
4  select distinct Name
5  from Track
6  where name like 'Z%'
7  order by Name;
```

Result Grid		Filter Rows:	Search	Export:
Name				
▶	Zambação			
	Zé Trindade			
	Zeca Violeiro			
	Zero			
	ZeroVinteUm			
	Zither			

```
9  -- b. Find the first names of the employees who are older than their supervisor. Hint:
10 -- ReportsTo attribute in Employee table stores the EmployeeId of the supervisor.
11 -- Sort the output alphabetically.
12 select FirstName
13 from Employee as S
14 where exists
15   (select BirthDate
16    from Employee as T
17    where T.EmployeeID = S.ReportsTo
18    and T.Birthdate > S.Birthdate)
19 order by FirstName;
```

Result Grid		Filter Rows:	Search	Export:
FirstName				
▶	Laura			
	Margaret			
	Nancy			
	Robert			

```

21  -- c. Find the name of the highest priced track. If more than one track has the highest
22  -- price, return the names of all such tracks. Sort the output alphabetically based on
23  -- the track name.
24  • select Name
25      from Track
26      where UnitPrice = (select max(UnitPrice) from Track)
27      order by Name;

```

100% 4:1

Result Grid



Filter Rows:



Search

Export:



Name	
"?"	
...And Found	
...In Translation	
.07%	
A Benihana Christmas, Pts. 1 & 2	
A Day In the Life	

```

29  -- d. Find a list containing the total amount spend by a customer. Include the
30  -- customer's id and the last names along with the total amount. For customers who did not
31  -- make any purchase, make sure to include them as well (the total should be 0.00 for those customers).
32  • select LastName, CustomerID, sum(Total) as Total
33      from Customer as C natural join Invoice as S
34      where C.CustomerId = S.CustomerId
35      group by CustomerId;

```

100% 3:27

Result Grid



Filter Rows:



Search

Export:



LastName	CustomerID	Total	
Gonçalves	1	39.62	
Köhler	2	37.62	
Tremblay	3	39.62	
Hansen	4	39.62	
Wichterlová	5	40.62	
Holý	6	49.62	

```

37  -- e. Find the title of the highest priced album.
38  • select Title, sum(UnitPrice) as price
39      from Album natural join Track
40      group by AlbumId
41      order by price DESC
42      Limit 1;

```

100% 3:27

Result Grid



Filter Rows:



Search

Export:



Fetc






Title	price	
Greatest Hits	56.43	

```

44  -- f. Find a distinct list containing the titles of albums that are never sold. Consider an
45  -- album never sold if none of its tracks are sold. Sort the output alphabetically.
46  • select distinct Title, AlbumId
47      from Album
48      where AlbumId not in
49      (select AlbumId
50       from InvoiceLine natural join Track
51       group by AlbumId)
52      order by Title;

```

100% 9:42


Result Grid		
Filter Rows: <input type="text" value="Search"/>		
Edit:   		
Export/Import:  		
Title	AlbumId	
▶ A Copland Celebration, Vol. I	296	
A Soprano Inspired	285	
Adorate Deum: Gregorian Chant from the Prope...	272	
Allegri: Miserere	273	
Armada: Music from the Courts of England and...	319	
Bach: Goldberg Variations	277	

```

55  -- g. Create a view that returns customers' first and last names along with
56  -- corresponding sums of all their invoice totals. Name the view as "CustomerInvoices."
57  • create view CustomerInvoices as
58      select FirstName, LastName, sum(Total)
59      from Customer natural join Invoice
60      group by CustomerId;
61
62  • select *
63      from CustomerInvoices;

```

100% 1:52

Result Grid			
Filter Rows: <input type="text" value="Search"/>			
Export: 			
FirstName	LastName	sum(Total)	
▶ Luís	Gonçalves	39.62	
Leonie	Köhler	37.62	
François	Tremblay	39.62	
Bjørn	Hansen	39.62	
František	Wichterlová	40.62	
Helena	Holý	49.62	