

# CSCI 330 Lab 3

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1. **SELECT DISTINCT** Name **FROM** Track  
**WHERE** Name **LIKE** 'Z%'  
**ORDER BY** Name;

Name
Zambacao
Ze Trindade
Zeca Violeiro
Zero
ZeroVinteUm
Zither
Zombie Eaters
Zoo Station
Zooropa

2. **SELECT** Emp.FirstName **FROM** Employee **AS** Emp  
**JOIN** Employee **AS** Boss  
**ON** Emp.ReportsTo = Boss.EmployeeId  
**AND** Emp.BirthDate < Boss.BirthDate  
**ORDER BY** Emp.FirstName;

FirstName
Laura
Margaret
Nancy
Robert

3. **SELECT** Name **FROM** Track  
**WHERE** UnitPrice = (  
**SELECT MAX**(UnitPrice) **FROM** Track  
) **ORDER BY** Name;

Name
"?"
...And Found
...In Translation
.07%
A Benihana Christmas, Pts. 1 & 2
A Day In the Life
A Measure of Salvation
...
War of the Gods, Pt. 2
What Kate Did
Whatever the Case May Be
White Rabbit
Women's Appreciation

213 rows in set (0.006 sec)

4. **SELECT** Customer.CustomerId, Customer.LastName, **SUM**(Total)  
**FROM** Invoice **LEFT JOIN** Customer  
**ON** Invoice.CustomerId = Customer.CustomerId  
**GROUP BY** Customer.CustomerId  
**ORDER BY SUM**(Total) **DESC**;

CustomerId	LastName	SUM(Total)
6	Holy	49.62
26	Cunningham	47.62
57	Rojas	46.62
45	Kovacs	45.62
46	O'Reilly	45.62
28	Barnett	43.62
24	Ralston	43.62
37	Zimmermann	43.62
25	Stevens	42.62
7	Gruber	42.62
44	Hamalainen	41.62
48	Van der Berg	40.62
43	Mercier	40.62
5	Wichterlova	40.62
42	Girard	39.62
1	Goncalves	39.62
34	Fernandes	39.62
20	Miller	39.62
4	Hansen	39.62
22	Leacock	39.62
3	Tremblay	39.62
17	Smith	39.62
39	Bernard	38.62
...		
36	Schneider	37.62
56	Gutierrez	37.62
27	Gray	37.62
8	Peeters	37.62
29	Brown	37.62
11	Rocha	37.62
54	Murray	37.62
33	Sullivan	37.62
18	Brooks	37.62
13	Ramos	37.62
2	Kohler	37.62
53	Hughes	37.62
52	Jones	37.62
59	Srivastava	36.64

59 rows in set (0.002 sec)

5. **SELECT** Title, **SUM**(UnitPrice) **FROM** Album  
**JOIN** Track **ON** Track.AlbumId = Album.AlbumId  
**GROUP BY** Album.AlbumId  
**ORDER BY SUM**(UnitPrice) **DESC LIMIT** 1;

Title	SUM(UnitPrice)
Greatest Hits	56.43

1 row in set (0.007 sec)

6. **SELECT** Title **FROM** Album  
**JOIN** Track **ON** Album.AlbumId = Track.AlbumId  
**LEFT JOIN** InvoiceLine **ON** InvoiceLine.TrackId = Track.TrackId  
**GROUP BY** (Album.AlbumId)  
**HAVING COUNT**(InvoiceLineId) = 0  
**ORDER BY** Title;

Title
A Copland Celebration , Vol. I
A Soprano Inspired
Adorate Deum: Gregorian Chant <b>from</b> the Proper of the Mass
Allegri: Miserere
Armada: Music <b>from</b> the Courts of England <b>and</b> Spain
Bach: Goldberg Variations
Bach: Toccata & Fugue <b>in</b> D Minor
Bach: Violin Concertos
Battlestar Galactica: The Story So Far
Beethoven: Symhonies Nos. 5 & 6
Bizet: Carmen Highlights
Cake: B-Sides <b>and</b> Rarities
Carmina Burana
Charpentier: Divertissements , Airs & Concerts
Great Opera Choruses
Great Performances – Barber’s Adagio and Other Romantic Favorites for Strings
Great Recordings of the Century – Mahler: Das Lied von der Erde
Great Recordings of the Century – Shubert: Schwanengesang, 4 Lieder
Great Recordings of the Century: Paganini’s 24 Caprices
Handel: Music for the Royal Fireworks (Original Version 1749)
Koyaanisqatsi (Soundtrack <b>from</b> the Motion Picture)
Locatelli: Concertos for Violin , Strings <b>and</b> Continuo , Vol. 3
Mascagni: Cavalleria Rusticana
Monteverdi: L’Orfeo
Mozart Gala: Famous Arias
Mozart: Chamber Music
Mozart: Wind Concertos
Palestrina: Missa Papae Marcelli & Allegri: Miserere
Pavarotti’s Opera Made Easy
Prokofiev: Symphony <b>No.</b> 1
Prokofiev: Symphony <b>No.</b> 5 & Stravinsky: Le Sacre Du Printemps
Puccini: Madama Butterfly – Highlights
Quiet Songs
Realize
SCRIABIN: Vers la flamme
Sir Neville Marriner: A Celebration
Strauss: Waltzes
Tchaikovsky: The Nutcracker
The Best of Beethoven
The <b>Last</b> Night of the Proms
The Ultimate Relexation Album
Vivaldi: The Four Seasons
Worlds

43 rows in set (0.019 sec)

7. **CREATE VIEW** CustomerInvoice **AS**

```
SELECT FirstName, LastName, SUM(Invoice.Total) FROM Customer
JOIN Invoice ON Customer.CustomerId = Invoice.CustomerId
GROUP BY Customer.CustomerId;
```

Query OK, 0 rows affected (0.015 sec)