

CHINOOK

Q1.

Write the select using "all columns" shortcut to retrieve all rows from the Genre table.

**** Everything from Genre ****

(25 row(s) affected)

Q2.

Write the select to retrieve the Customer ID, Last Name, First Name and Company from the Customer table.

Customer ID	Last Name	First Name	Company Name
1	Goncalves	Luís	Embraer - Empresa Brasileira de Aeronáutica S.A.
2	Köhler	Leonie	NULL
3	Tremblay	François	NULL
...			

(59 row(s) affected)

Q3.

Write the select to retrieve the Customer ID, First Name, Country and State from the Customer table, but only if the Fax is null and the State isn't. State is aliased as Region, widths are 18 – use left() or convert/cast.

Customer ID	First Name	Country	Region
3	François	Canada	QC
20	Dan	USA	CA
21	Kathy	USA	NV
22	Heather	USA	FL
23	John	USA	MA
24	Frank	USA	IL
...			
55	Mark	Australia	NSW

(19 row(s) affected)

Q4.

Write the select to retrieve the Track ID, Name and composer from the Track table, such that only tracks are of Genre ID of 2 and that they are greater than 7 minutes and less than 8 minutes*: Use a width of 26/Name and 64/Composer to format output - left() or convert()

Track ID	Name	Written by
124	Snoopy's search-Red baron	Billy Cobham
603	Bye Bye Blackbird	Miles Davis
612	Nefertiti	Miles Davis
843	Otay	John Scofield, Robert Aries, Milton Chambers and Gary Grainger

(4 row(s) affected)

Q5.

Write the select to retrieve the Company, Last Name, and Address from Customer such the Country is in South America (Geography anyone) using an in() clause, and the Company is not null. Use a width of 48/Company and 36/Address to format output - left() or convert()

Company Name	Contact	Street Address
Embraer - Empresa Brasileira de Aeronáutica S.A.	Gonçalves	Av. Brigadeiro Faria Lima, 2170
Woodstock Discos	Martins	Rua Dr. Falcão Filho, 155
Banco do Brasil S.A.	Rocha	Av. Paulista, 2022
Riotur	Almeida	Praça Pio X, 119

(4 row(s) affected)

Write the select to retrieve the last name and 'Magic Number', and a calculated column from the Employee table. The "Magic Number" is defined by the sum of the current age and years of service of the employee. The calculated column will use a searching case to return either 'Yup' if the 'Magic Number' equals or exceeds 85 (can retire), or number of years until 85 is reached – Note that the number must be cast to a string so both possibilities return the same type. Sort your results by the 'Magic Number'

LastName	Magic Number	Yet ?
Mitchell	60	25
Peacock	61	24
King	62	23
Callahan	64	21
Johnson	68	17
Adams	72	13
Edwards	76	9
Park	86	Yup

(8 row(s) affected)

Q6.

Write the select to retrieve the Track ID, Name and Composer from Track. Restrict the result to only include records where the Name starts with 'Black' or the Composer has the letters 'verd', as well, using in() and genre id, restrict to not include genres of Rock, Metal, Rock And Roll, Latin, and Pop. Use a width of 50/Title and leave Composer unformatted.

Track ID	Title	Composer
616	Black Satin	Miles Davis
1446	Black Capricorn Day	Jay Kay
2582	Black Moon Creeping	Chris Robinson/Rich Robinson
3417	Nabucco: Chorus, "Va, Pensiero, Sull'ali Dorate"	Giuseppe Verdi
3501	L'orfeo, Act 3, Sinfonia (Orchestra)	Claudio Monteverdi

(5 row(s) affected)

Q7.

Write the select to retrieve the Track ID, calculated field Time, calculated field Cost/Minute and calculated field Bytes/Second. Restrict your results to only Tracks longer than a minute and where the Cost per Minute is more than \$2.75.

To get proper Time, use DATEADD to add milliseconds to zero, convert using format code 114

To get proper Cost/Minute, cast your result to money

To get desired Bytes/Second, cast your result to appropriate decimal

Track ID	Time	Cost/Minute	Bytes/Second
1020	00:01:23:487	2.7956	32371.172
1071	00:01:14:920	3.4357	32557.909
1187	00:01:24:533	3.4709	32698.209
1951	00:01:38:117	2.8681	32569.291
3101	00:01:26:987	3.097	32333.050

(5 row(s) affected)