

UE02-2

? Frage 1

What is the title of the album with AlbumId 67? (Table: albums)

Antwort

Vault: Def Leppard's Greatest Hits

SQL

```
SELECT Title FROM albums WHERE AlbumId=67;
```

? Frage 2

Find the name and length (in seconds) of all tracks that have length between 50 and 70 seconds. (Table: tracks)

Antwort

```
Intro 52
Wasted Reprise 53
Arc 65
Soldier Side - Intro 63
.
.
```

SQL

```
SELECT name, Milliseconds/1000 as seconds FROM tracks WHERE seconds BETWEEN 50 AND 70
```

? Frage 3

List all artists with the word "black" in their name. (Table: artists)

Antwort

```
Black Label Society
Black Sabbath
Banda Black Rio
The Black Crowes
Black Eyed Peas
```

SQL

```
SELECT name FROM artists WHERE name like "%black%"
```

? Frage 4

Provide a query showing a unique/distinct list of billing countries FROM the Invoice table.

Antwort

Germany
Norway
Belgium
Canada
USA
France

SQL

```
SELECT DISTINCT BillingCountry FROM invoices;
```

? Frage 5

Display the city with highest SUM total Invoice. (Table: invoices)

Antwort

Prague 90.24

SQL

```
SELECT BillingCity, round(SUM(Total),2) as TotalInvoice FROM invoices GROUP BY BillingCity ORDER BY TotalInvoice DESC limit 1;
```

? Frage 6

Produce a table that lists each country and the number of customers in that country. You only need to include countries that have customers in descending order. (Highest count at the top) (Table: customers)

Antwort

USA 13
Canada 8
France 5
Brazil 5
Germany 4
United Kingdom 3
.
.
.

SQL

? Frage 7

How many Invoices were there in 2009 and 2011? (Table: invoices)

Antwort

166

SQL

```
SELECT COUNT(InvoiceId) as "Total Invoices"
FROM Invoices
WHERE InvoiceDate between "2009-01-01" AND "2011-01-01";
```

? Frage 8

Provide a query showing only the Employees who are engaged in Sales. (Table: employees)

Antwort

NancyEdwards
JanePeacock
MargaretPark
SteveJohnson

SQL

```
SELECT FirstName || " " || LastName as "Sales Employee"
FROM employees
WHERE Title LIKE "Sales%";
```

? Frage 9

Provide a query showing Customers (just their full names, customer ID and country) who are not in the US. (Table: customers)

Antwort

1 Luís Gonçalves Brazil
2 Leonie Köhler Germany
3 François Tremblay Canada
4 Bjørn Hansen Norway
5 František Wichterlová Czech Republic
6 Helena Holý Czech Republic
.
.

SQL

? Frage 10

Provide a query only showing the Customers FROM Germany. (Table: customers)

Antwort

Leonie Köhler
Hannah Schneider
Fynn Zimmermann
Niklas Schröder

SQL

```
SELECT * FROM customers  
WHERE country = 'Germany';
```

? Frage 11

Provide a query showing only the Employees who are Sales Agents. (Table: employees)

Antwort

Peacock Jane
Park Margaret
Johnson Steve

SQL

```
SELECT * FROM employees  
WHERE employees.title = 'Sales Support Agent';
```

? Frage 12

Provide a query showing a unique list of billing countries FROM the Invoice table. (Table: invoices)

Antwort