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Homework: Chapter 5, SQL

1. List all the columns from the first 10 rows of the db1.hr.employees table.

select top 10 \* from HR.employees

Graphical user interface, application, table

Description automatically generated

1. List all the columns from the db1.hr.employees table where last\_name is King, order by first name.

select \* from HR.employees

where last\_name = 'king'

order by first\_name

Graphical user interface, text, application, email

Description automatically generated

1. List the first 10 rows of columns orderid, custid, empid, orderdate, from the db1.hr.employees table.

I could not find orderid, custid, empid, orderdate on the table.

1. List the first 5 rows of columns orderid, orderdate, custid, and empid, from the db1.Sales.Orders table, order by orderdate in descending order.

select top 5

orderid,custid,empid,orderdate

from sales.orders

order by orderdate DESC

Table

Description automatically generated with medium confidence

1. List the top one percent of rows of columns orderid, orderdate, custid, and empid, from the db1.Sales.Orders table, order by orderdate in descending order.

select top (1) percent

orderid,custid,empid,orderdate

from sales.orders

order by orderdate DESC

Table

Description automatically generated

1. List rows 51 to 75 (inclusive) of columns orderid, orderdate, custid, and empid, from the db1.Sales.Orders table, order by orderdate then order by orderid.

select \* from (

select orderid,

custid,

empid,

orderdate,

ROW\_NUMBER()

OVER(order by orderdate)

AS RowNo

from sales.orders) T

where RowNo BETWEEN 51 AND 75

Table

Description automatically generated

1. List all the columns from the db1.hr2.employees table where the lastname begins with 'D'.

select \*

from HR2.Employees

where lastname like 'D%'

Table

Description automatically generated

1. List the first name and last name of the two employees from the db1.hr.employees table that were hired during the year 1987. The resulting table should one column and have the name 'Name' at the top.

select CONCAT( first\_name, ' ',last\_name)

as Name

from HR.Employees

where hire\_date like '1987%'

Graphical user interface, text, application, email

Description automatically generated

1. List the first name and last name of the employees from the db1.hr.employees table that were NOT hired in the year 1997. The resulting table should one column and have the name 'Name' at the top. List only the top 10 names returned from the query. The last\_name column should be sorted in ascending order, then the first\_name column should be sorted in ascending order.

select top 10

CONCAT( first\_name, ' ',last\_name)

as Name

from HR.Employees

where hire\_date not like '1997%'

order by Name

Graphical user interface, text, application

Description automatically generated

1. List the title, first name, middle initial, and last name of the employee from the db1.costco.employee table whose job\_code is 'sec' and works in the Database Corner store (store\_code 2). The resulting table should one column and have the name 'Name' at the top.

SELECT CONCAT(

[EMP\_TITLE], ' '

,[EMP\_FNAME], ' '

,[EMP\_INITIAL],' '

,[EMP\_LNAME])

as Name

FROM [db1].[Costco].[employee]

where JOB\_CODE like 'sec%' AND

STORE\_CODE = 2

Graphical user interface, text, application

Description automatically generated