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Basis Data Lanjut

Praktikum 2

1. Using the Global Fast Foods database, retrieve the customer’s first name, last name, and address for the customer who uses ID 456

→ SELECT first\_name, last\_name, address, id

FROM f\_customers

WHERE id IN (456);

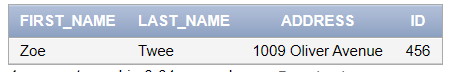
Atau

SELECT first\_name, last\_name, address, id

FROM f\_customers

WHERE id = 456;

Result :



1. The following query was supposed to return the CD title "Carpe Diem" but no rows were returned. Correct the mistake in the statement and show the output.

SELECT produce, title

FROM d\_cds

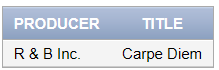
WHERE title = 'carpe diem' ;

→ SELECT producer, title

FROM d\_cds

WHERE title like 'C%';

Result :



1. Write a SQL statement that lists the Global Fast Foods employees who were born before 1980.

→ SELECT \*

FROM f\_staffs

WHERE birthdate < '01/01/1980';

Result :



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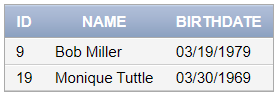
SELECT id, first\_name||' '||last\_name As Name,

birthdate

FROM f\_staffs

WHERE birthdate < '01/01/1980';

Result :



1. Display the first name, last name, and salary of all Global Fast Foods staff whose salary is between $5.00 and $10.00 per hour.

→ SELECT first\_name, last\_name, salary

FROM f\_staffs

WHERE salary >= 5.00 AND salary <= 10.00;

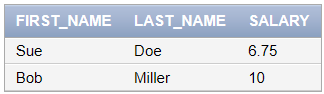
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SELECT first\_name, last\_name, salary

FROM f\_staffs

WHERE salary BETWEEN 5.00 AND 10.00;

Result :



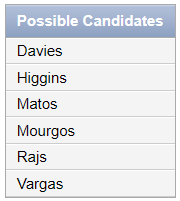
1. Select all the Oracle database employees whose last names end with “s”. Change the heading of the column to read Possible Candidates.

→ SELECT last\_name as "Possible Candidates"

FROM employees

WHERE last\_name LIKE '%s';

Result :



1. Write a SQL statement that lists the songs in the DJs on Demand inventory that are type code 77, 12, or 1.

→ SELECT \*

FROM d\_songs

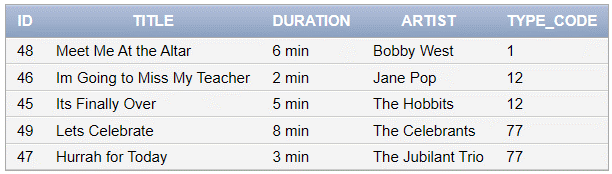
WHERE type\_code = 77

OR type\_code = 12

OR type\_code = 1

ORDER BY type\_code;

Result :



1. Write SQL statement that will produce the desired output!

Who am I?

I was hired by Oracle after May 1998 but before June of 1999. My salary is less than $8000 per month, and I have an “en” in my last name.

→ SELECT hire\_date, last\_name, salary

FROM employees

WHERE hire\_date > '05/01/1998' AND hire\_date < '06/01/1999'

AND salary <= 8000 AND last\_name LIKE '%en%';

Result :



1. In the example below, assign the employee\_id column the alias of “Number.” Complete the SQL statement to order the result set by the column alias!

SELECT employee\_id, first\_name, last\_name

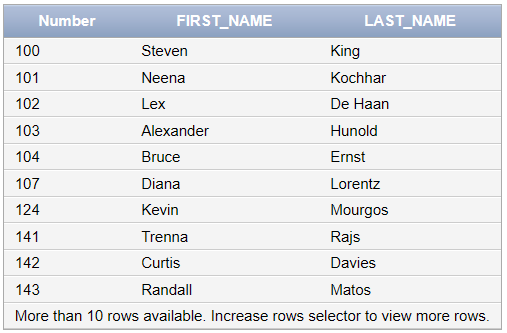
FROM employees;

→ SELECT employee\_id as "Number", first\_name, last\_name

FROM employees

Order by "Number";

Result :



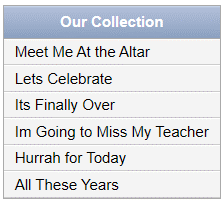
1. Order the DJs on Demand songs by descending title. Use the alias "Our Collection" for the song title.

→ SELECT title as "Our Collection"

FROM d\_songs

ORDER BY title DESC;

Result :



1. SELECT prefix

FROM phone

WHERE prefix BETWEEN 360 AND 425

OR prefix IN (206,253,625)

AND prefix BETWEEN 315 AND 620;

Which of the following values could be returned?

625, 902, 410, 499

→ 625