HR DATABASE_ANSWERS

1] SELECT
first_name AS "FIRST NAME",
last_name AS "LAST NAME"
FROM hr.employees

2] SELECT
DISTINCT department_id
FROM hr.employees

3] SELECT *
FROM hr.employees
order by first_name DESC

4] SELECT first_name,last_name,salary,salary*0.15
FROM hr.employees

5] SELECT employee_id,first_name,last_name,salary
FROM hr.employees
order by salary

6] SELECT sum(salary)
FROM hr.employees

7] SELECT max(salary),min(salary)
FROM hr.employees

8] SELECT avg(salary),count(employee_id)
FROM hr.employees

9] SELECT count(employee_id)
FROM hr.employees

10] SELECT count(DISTINCT job_id)
FROM hr.employees

11] SELECT upper(first_name)
FROM hr.employees

12] SELECT substring(first_name,1,3)
FROM hr.employees

13] SELECT trim(first_name)
FROM hr.employees

14] SELECT length(first_name)+length(last_name)
FROM hr.employees
15] SELECT *
FROM hr.employees

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     WHERE first_name REGEXP "[0-9]"

16] SELECT first_name,last_name,salary
     FROM hr.employees
    WHERE salary not between 10000 AND 15000

17] SELECT first_name,last_name,department_id
    FROM hr.employees
    WHERE department_id IN (30,100)

18] SELECT first_name,last_name,salary
      FROM hr.employees
     WHERE salary NOT BETWEEN 10000 AND 15000
     AND department_id IN (30,100)

19] SELECT first_name,last_name,hire_date
    FROM hr.employees
    WHERE hire_date LIKE "1987%"

20] SELECT first_name
     FROM hr.employees
    WHERE first_name LIKE "%b%"
     AND first_name LIKE "%C%"

21] SELECT last_name,job_id,salary
     FROM hr.employees
     WHERE job_id IN ("IT_PROG","SH_CLERK")
     AND salary NOT IN (4500,10000,15000)

22] SELECT last_name
      FROM hr.employees
     WHERE last_name LIKE "______"

23] SELECT last_name
     FROM hr.employees
     WHERE last_name LIKE "__e%"

24] SELECT job_id,group_concat(employee_id)
      FROM hr.employees
      group by job_id

25] UPDATE employees
    SET phone_nnumber=REPLACE(phone_number,"124","999")
   WHERE phone_number LIKE "%124%"


26] SELECT first_name
     FROm hr.employees
     WHERE length (first_name)>=8
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27] UPDATE employees
SET email=concant(email,"@example.com")

28] SELECT
location_id,street_address,substring_index(REPLACE(REPLACE(REPLACE(street_address,"."," "),")"," "),"("," ")," ",-1)
from hr.locations

29] SELECT
location_id,street_address,substring_index(REPLACE(REPLACE(REPLACE(street_address,","," "),")"," "),"("," ")," ",-1)
AS "last--word-of-street_address"
from hr.locations

30] SELECT *
from hr.locations
where length(street_address)<= (select min(length(street_address))
FROM hr.locations);

31] SELECT job_title,substr(job_title,1,instr(job_title, " ")-1)
FROM hr.jobs;

32] SELECT first_name,last_name
FROM hr.employees
WHERE instr(last_name,"c") >2

33] SELECT first_name "name",
length(first_name)"length"
FROM hr.employees
WHERE first_name like 'j%'
or first_name like "m%"
or first_name like "a%"
order by first_name;

34] SELECT first_name,
LPAD(salary,10,"$") salary
FROM hr.employees

35] SELECT left(first_name,8),
REPEAT ("$",FLOOR(salary/1000))
"salary($)",salary
FROM hr.employees
order by salary DESC;

36] ELECT employee_id,first_name,last_name,hire_date
FROM hr.employees
WHERE position("07" in date_format(hire_date,"%d %m %y"))>0;

NORTHWIND DATABASE ANSWERS

1] SELECT productname, quantityperunit
FROM northwind.products;

2] SELECT productid,productname
FROM products
WHERE discontinued="false"
order by productname

3] SELECT productname, productid
FROM products
WHERE discontinued=true
order by productname

4] SELECT productname,unitprice
FROM products
order by unitprice desc

5] SELECT productid,productname,unitprice
FROM products
WHERE (((unitprice)<20)AND ((Discontinued)=false))
order by unitprice desc

6] SELECT productname,productid,unitprice
FROM products
WHERE (((unitprice)>=15 AND (unitprice)<=25))
order by products.unitprice

7] SELECT DISTINCT productname,unitprice
FROM products
WHERE unitprice>(select avg(unitprice) from products)
order by unitprice

8] SELECT productname as ten_most_expensive_products,unitprice
FROM products as a
WHERE 10>=(select count(distinct unitprice)
from products as b
where b.unitprice>=a.unitprice)
order by unitprice desc

9] SELECT count(productname)
from products
group by discontinued

10] SELECT productname,unitsonorder,unitsinstock
from products
where (((discontinued)=false) and ((unitsinstock)<unitsonorder))