18-06-2024   **Sql test**

SQL TEST

1. Find the employees with basic greater than average basic (display unit, deptcode, sectcode, empcode, empname, basic from empmst)

2. Write a query to retrieve the basic information of employees whose basic is greater than 1700 and are working in IT section or whose basic is greater than 1680 and working in accounts section.

(Display unit, deptcode, sectcode, empcode, empname, salary from empmst,sectmst tables)

3. Write a query to create table using all constraints (like primary key, unique key, not null, default constraints, check constraints)

4. Write a query to retrieve information of employees who have been with the company for a minimum of twenty years.

5. Write sql query to find the 3rd highest salary (table name- practice)

6. Write a query to take input of date from user and display the day of that date.

7. Write a query to retrieve Departments who have less than 10 employees working in it from table empmst.

8. List out the no. of employees hire in each month and year, in the ascending order based on the year, month.

9. Write a query to find first day and last day of current month using dual table.

10. Write a SQL query to print details of the Workers whose FIRST_NAME starts with consonants and ends with 'h' and contains six alphabets.

ANSWERS

1.Select unit,deptcode,sectcode,empcode,emp_name,basic from empmst where basic>(select avg(basic) from empmst);

select avg(basic) from empmst

2.select e.unit,e.deptcode,e.sectcode,e.empcode,e.emp_name,e.basic+e.hra as salary from empmst e

,sectmst s where e.basic >1700 and s.sectname='IT' or e.basic >1680 and s.sectname='Accounts' and e.sectcode=s.sectcode

select * from empmst

3. create table emp_g(emp_id int,upid int,name varchar(50)not null,salary int , constraints pki primary key(emp_id),

constraints uki unique(upid),constraints ck check(salary>0))

--select * from emp_g

4./*select (date_join-sysdate)/365 from empmst*/

 select * from empmst where (sysdate-date_join)/366>=20

 --select * from practice

 5 select max(salary) from practice where salary <(select max(salary) from practice where salary<(select max(salary) from practice))

   --select salary from practice

 6

   --select to_char(to_date('12-04-2004','dd-mm-yyyy'),'day') from dual

   select to_char(to_date('&dat','dd-mm-yyyy'),'day') from dual

--select to_char(sysdate,'day') from dual

7.select deptcode,count(empcode) from empmst group by deptcode having count(empcode)>10

8. select to_char(date_join,'month/yyyy'),count(empcode) from empmst group by date_join order by to_char(date_join,'/yyyy')

9.select last_day(sysdate),trunc(sysdate,'month') from dual;

10.select emp_name from empmst where lower(emp_name) like'%h' and

length(emp_name)=6 and lower(emp_name) not like('a%')and lower(emp_name) not like('%e')and lower(emp_name) not like('i%')

and lower(emp_name) not like('o%')and lower(emp_name) not like('u%')