

```
SELECT FIRST_NAME, LAST_NAME  
FROM EMPLOYEES ORDER BY 1
```

```
SELECT COUNT(EMPLOYEE_IDS)  
FROM EMPLOYEESSS
```

```
SELECT EMPLOYEE_ID, FIRST_NAME, LAST_NAME, 12*SALARY AS SALARY  
FROM EMPLOYEES  
ORDER BY SALARY DESC
```

```
SELECT EMPLOYEES.EMPLOYEE_ID, EMPLOYEES.FIRST_NAME, EMPLOYEES.LAST_NAME, DEPARTMENTS.DEPARTMENT_NAME  
FROM EMPLOYEES, DEPARTMENTS  
WHERE EMPLOYEES.DEPARTMENT_ID = DEPARTMENTS.DEPARTMENT_ID  
ORDER BY EMPLOYEE_ID ASC
```

```
SELECT EMPLOYEES.EMPLOYEE_ID, EMPLOYEES.FIRST_NAME, EMPLOYEES.LAST_NAME, JOBS.JOB_TITLE  
FROM EMPLOYEES, JOBS  
WHERE EMPLOYEES.JOB_ID = JOBS.JOB_ID  
ORDER BY EMPLOYEE_ID ASC
```

```
SELECT EMPLOYEES.EMPLOYEE_ID, EMPLOYEES.FIRST_NAME, EMPLOYEES.LAST_NAME, DEPARTMENTS.DEPARTMENT_NAME  
FROM EMPLOYEES, DEPARTMENTS  
WHERE EMPLOYEES.DEPARTMENT_ID = DEPARTMENTS.DEPARTMENT_ID AND DEPARTMENTS.DEPARTMENT_NAME = 'Accounting'  
ORDER BY EMPLOYEE_ID ASC
```

```
SELECT MAX(SALARY)  
FROM EMPLOYEES  
WHERE DEPARTMENT_ID = 110
```

```
SELECT DISTINCT LOCATIONS.LOCATION_ID  
FROM DEPARTMENTS, LOCATIONS  
WHERE DEPARTMENTS.LOCATION_ID = LOCATIONS.LOCATION_ID
```

```
SELECT DEPARTMENT_NAME || '(' || DEPARTMENT_ID || ') 's ' || 'LOCATION_ID' || LOCATION_ID AS "DEPTMENT's DeTail"  
FROM DEPARTMENTS
```

```
SELECT EMPLOYEE_ID AS ID, FIRST_NAME || LAST_NAME AS Name, MANAGER_ID  
FROM EMPLOYEES  
WHERE MANAGER_ID IS Null;
```

```
SELECT DEPARTMENT_NAME, DEPARTMENT_ID  
FROM DEPARTMENTS  
WHERE LOCATION_ID IN('1400', '1500', '1700') ORDER BY DEPARTMENT_NAME ASC;
```

```

SELECT EMPLOYEE_ID AS ID, UPPER (FIRST_NAME||' '|| SUBSTR(LAST_NAME,1,2)) AS Name, TO_CHAR( hire_date,'fmDspth "of" MONTH,YYYY,"12:00:00 AM"') AS "HIREDATE"
FROM EMPLOYEES
WHERE HIREDATE >= '01-JAN-03'
ORDER BY HIREDATE ASC

```

```

SELECT LAST_NAME,SALARY,
CASE TRUNC(salary/2000, 0)
WHEN 0 THEN '0.00'
WHEN 1 THEN '0.05'
WHEN 2 THEN '0.20'
WHEN 3 THEN '0.30'
WHEN 4 THEN '0.40'
WHEN 5 THEN '0.42'
WHEN 6 THEN '0.44'
WHEN 7 THEN '0.45'
END TAX_RATE
FROM EMPLOYEES
WHERE DEPARTMENT_ID = 80

```

```

SELECT EMPLOYEE_ID,DEPARTMENT_ID,COUNT(*) AS "CHANGE JOB"
FROM JOB_HISTORY
GROUP BY EMPLOYEE_ID,DEPARTMENT_ID
ORDER BY EMPLOYEE_ID ASC

```

```

SELECT DEPARTMENT_ID,EMPLOYEE_ID AS ID,FIRST_NAME||' '||LAST_NAME AS Name,SALARY
FROM EMPLOYEES
WHERE (DEPARTMENT_ID,SALARY) IN (SELECT DEPARTMENT_ID,MAX(SALARY)FROM EMPLOYEES GROUP BY DEPARTMENT_ID)
ORDER BY DEPARTMENT_ID ASC

```

```

DECLARE
v_StdID VARCHAR(8):= 'B6400989';
v_StdName VARCHAR(20):= 'Pongskorn lanjaidee';
v_Today DATE:= SYSDATE;
v_Tomorrow DATE:= SYSDATE+1;
BEGIN
DBMS_OUTPUT.PUT_LINE(' ID : '|| v_StdID);
DBMS_OUTPUT.PUT_LINE('Name : '|| v_StdName);
DBMS_OUTPUT.PUT_LINE('Today is: '|| v_Today);
DBMS_OUTPUT.PUT_LINE('Tomottow is: '||v_Tomorrow);
END;

```

```

SELECT EMPLOYEE_ID,FIRST_NAME||' '||LAST_NAME AS EMPLOYEE_NAME,TO_CHAR( hire_date,'Month,DD,YYYY') AS "START WORK",NVL(COMMISSION_PCT,0) AS "COMMISSION"
FROM EMPLOYEES
WHERE 'C' <= FIRST_NAME AND FIRST_NAME <='I'
ORDER BY FIRST_NAME

```

```

DECLARE
v_commission_pct NUMBER(2,2);
v_job_id sa_emp.job_id%TYPE;
v_percent INT;
v_num INT;
BEGIN
SELECT COUNT(employee_id) INTO v_num FROM sa_emp;
FOR i IN 0..v_num-1 LOOP
SELECT job_id,commission_pct INTO v_job_id,v_commission_pct FROM sa_emp WHERE employee_id = i+145;
IF v_job_id = 'SA_MAN' THEN
v_percent := 10;
ELSIF v_job_id = 'SA_REP' THEN
v_percent := 20;
END IF;
UPDATE sa_emp SET commission_pct = v_commission_pct*(v_percent/100), department_id = 80 WHERE employee_id = i + 145;
END LOOP;
dbms_output.put_line(v_num || 'records updated!');
END;

```

```

DECLARE
    v_empID employees.employee_id%TYPE;
    v_name employees.first_name%TYPE;
    v_man_salary employees.salary%TYPE;
    v_rep_salary employees.salary%TYPE;
    v_text VARCHAR(20);
BEGIN
    FOR i IN 145..147 LOOP
        SELECT employee_id,first_name,salary INTO v_empID,v_name,v_man_salary FROM employees WHERE employee_id = i;
        SELECT MAX(salary) INTO v_rep_salary FROM employees WHERE manager_id = i;
        IF v_man_salary > v_rep_salary THEN
            v_text := 'MORE THAN';
        ELSIF v_man_salary < v_rep_salary THEN
            v_text := 'LOWER THAN';
        ELSE
            v_text := 'EQUAL TO';
        END IF;
        dbms_output.put_line('ID: '||v_empID||' '||v_name||' earns '||v_man_salary||', '||v_text||' '||v_rep_salary);
    END LOOP;
END;

```

```

DECLARE
    v_record employees%rowtype;
BEGIN
    SELECT * INTO v_record FROM employees WHERE employee_id = 200;
    dbms_output.put_line('Printed on '|| TO_CHAR(SYSDATE,'dd/MM/YYYY'));

    dbms_output.put('ID: '||v_record.employee_id||' '||v_record.first_name||' '||v_record.last_name||
        ', since '||TO_CHAR(v_record.hire_date,'dd/MM/YYYY')||', '|| FLOOR(MONTHS_BETWEEN(SYSDATE,v_record.hire_date)/12) ||' years ');
    dbms_output.put_line(' '||EXTRACT(MONTH FROM SYSDATE) - EXTRACT(MONTH FROM v_record.hire_date) ||' months');
END;

```