NAME: Ajay Srinivas R REG NO: 230701017

Ex.No.: 11		WORK WITH JOINTS
Date:	26/10/24	

PROGRAM 1

Write a PL/SQL block to calculate the incentive of an employee whose ID is 110.

block to

```
Salary after incentive : 6300

Statement processed.

0.01 seconds
```

PROGRAM 2

Write a PL/SQL show an invalid case-insensitive reference to a quoted and without quoteduser-defined identifier.

```
ORA-06550: line 7, column 23:
PLS-00201: identifier 'QUOTED_VARIABLE' must be declared
ORA-06550: line 7, column 1:
PL/SQL: Statement ignored
```

PROGRAM 3

Write a PL/SQL block to

```
Hi
Hello

Statement processed.
```

adjust the salary of the employee whose ID

122. Sample table: employees

```
Before updation: 8000
After updation: 9000

Statement processed.
```

0.00 seconds

PROGRAM 4

Write a PL/SQL create a procedure using the "IS [NOT] NULL Operator" and show AND operator returns TRUE if and only if both operands are TRUE.

```
TRUE
FALSE
NULL VALUES in arguments

Statement processed.
```

0.00 seconds describe the usage of LIKE operator including wildcard characters and escape character.

block to

```
Name starts with "D"
Name contains "Dan" followed by one character
Name contains "Daniel_Andrea"

Statement processed.
```

PROGRAM 6

Write a PL/SQL program to arrange the number of two variable in such a way that the small number will store in num_small variable and large number will store in num_large variable.

```
Value in a : 10
Value in b : 5
Smaller number is 5
Larger number is 10

Statement processed.
```

0.00 seconds

procedure to calculate the incentive on a target achieved and displaythe message either the record updated or not.

PL/SQL

```
Before incentive calculation: 21000
Record(s) updated
After incentive calculation: 23500

Statement processed.

Record(s) updated

Statement processed.
```

PROGRAM 8

Write a procedure to calculate incentive achieved according to the specific sale limit.

PROGRAM 9

Write a PL/SQL
PROGRAM 10

Write a PL/SQL to program count number of employees in department 50 and check whetherthis department have any vacancies or not. There are 45 vacancies in this department.

=	10;
declare emp_count number;vacancy number := 20;begin Select count(*) into emp_count from employees wheredepartment_id dbms_output.put_line('Total seats : '||vacancy); dbms_output.put_line('Number of employees in Department 50 : '||emp_count); if emp_count>vacancy then dbms_output.put_line('No vacancies available'); else dbms_output.put_line('Available vacancies : '||(vacancy-emp_count)); endif; end;	

Write a PL/SQL program to count number of employees in a specific department and check whether this department have any vacancies or not. If any vacancies, how many vacancies arein that department.
PROGRAM 11

Write a PL/SQL to program display the employee IDs, names, job titles, hire dates, andsalaries of all employees.

PROGRAM 12

```
employee id: 101
name: John
job title: IT_PROG
hire date: 01-jan-1994
salary: 6020
-------------------------------
employee id: 176
name: Jane
job title: HR_REP
hire date: 20-feb-2019
salary: 12500
-------------------------------
employee id: 103
name: Mike
job title: SA_MAN
hire date: 01-mar-1998
salary: 7200
-------------------------------
employee id: 104
name: Emily
job title: AC_ACCOUNT
hire date: 01-jan-1998
salary: 15000
-------------------------------
employee id: 105
name: Robert
job title: ST_CLERK
hire date: 25-jul-2018
salary: 6200
-------------------------------
```

PROGRAM 13

to

Write a PL/SQL program display the employee IDs, names, and department names of all employees.

```
employee id: 101
name: John
department name: IT_PROG
---------------------------------
employee id: 176
name: Jane
department name: HR_REP
---------------------------------
employee id: 103
name: Mike
department name: SA_MAN
---------------------------------
employee id: 104
name: Emily
department name: AC_ACCOUNT
---------------------------------
employee id: 105
name: Robert
department name: ST_CLERK
---------------------------------
```

to

to

PROGRAM 13

Write a PL/SQL program display the job IDs, titles, and minimum salaries of all jobs.

```
job id: 101
job title: Software Engineer
minimum salary: 60000
--------------------------------
job id: 102
job title: Data Analyst
minimum salary: 50000
--------------------------------
job id: 103
job title: Project Manager
minimum salary: 70000
--------------------------------
job id: 104
job title: HR Manager
minimum salary: 55000
--------------------------------
job id: 105
job title: Marketing Specialist
minimum salary: 45000
--------------------------------
```
to

PROGRAM 14

Write a PL/SQL program display the employee IDs, names, and job history start dates of all employees.

to

```
employee id: 201
name: James
start date: 01-jan-2010
--------------------------------
employee id: 202
name: King
start date: 01-jan-2012
--------------------------------
employee id: 203
name: Smith
start date: 01-jan-2013
--------------------------------
employee id: 204
name: Steve
start date: 01-jan-2014
--------------------------------
employee id: 205
name: Robert
start date: 01-jan-2015
--------------------------------
```

PROGRAM 15

Write a PL/SQL program to display the employee IDs, names, and job history enddates of all employees.

```
employee id: 201
name: James
end date: 10-oct-2015
--------------------------------
employee id: 202
name: King
end date: 15-sep-2016
--------------------------------
employee id: 203
name: Smith
end date: 20-mar-2017
--------------------------------
employee id: 204
name: Steve
end date: 05-apr-2018
--------------------------------
employee id: 205
name: Robert
end date: 12-may-2019
--------------------------------
```