

**LAPORAN**  
**PRAKTIKUM PEMROGRAMAN BASIS DATA**  
**TUGAS 2**



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1. Buatlah blok anonim PL/SQL untuk menampilkan data IDdept,nama dept dan manager\_id untuk department dengan id=110!

```
Command Prompt - sqlplus
C:\Users\ROG>sqlplus

SQL*Plus: Release 11.2.0.2.0 Production on Thu Oct 8 08:59:30 2020

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Enter user-name: HR
Enter password:

Connected to:
Oracle Database 11g Express Edition Release 11.2.0.2.0 - 64bit Production

SQL> select*from tab;

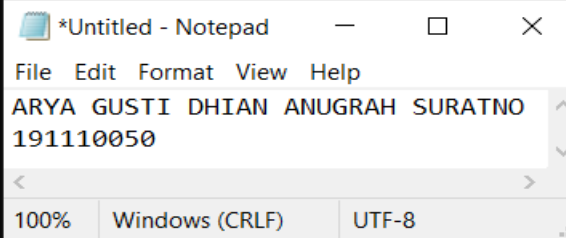
TNAME                                TABTYPE  CLUSTERID
-----
COUNTRIES                            TABLE
DEPARTMENTS                          TABLE
EMPLOYEES                            TABLE
EMP_DETAILS_VIEW                     VIEW
JOBS                                  TABLE
JOB_HISTORY                          TABLE
LOCATIONS                            TABLE
REGIONS                              TABLE

8 rows selected.

SQL> set serveroutput on;
SQL> ed
Write file afiedt.buf

  1 declare
  2 id_department varchar2(128);
  3 name_department varchar2(128);
  4 id_manager int;
  5 begin
  6 select department_id, department_name, manager_id
  7 into id_department, name_department, id_manager
  8 from departments
  9 where department_id='110';
 10 dbms_output.put_line(id_department);
 11 dbms_output.put_line(name_department);
 12 dbms_output.put_line(id_manager);
 13* end;
SQL> /
110
Accounting
205

PL/SQL procedure successfully completed.
```



2. Buatlah sebuah blok anonim PL/SQL untuk menghitung luas lingkaran dengan algoritma berikut :

Input (jari-jari)

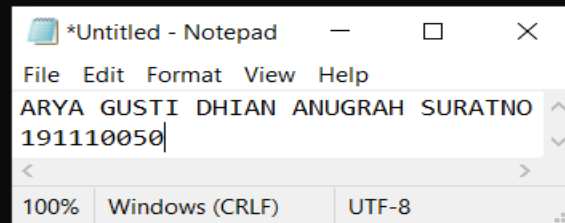
$luas = 3.14 \times jari-jari \times jari-jari$

output (luas)

```
SQL> conn system
Enter password:
Connected.
SQL> set serveroutput on;
SQL> ed
Wrote file afiedt.buf

 1 declare
 2   jari number :=10;
 3   phi float :=3.14;
 4   luas float;
 5   begin
 6     luas := phi*jari*jari;
 7     dbms_output.put_line('luas ='||luas);
 8 * end;
SQL> /
luas =314

PL/SQL procedure successfully completed.
```



3. Buatlah sebuah blok anonim PL/SQL untuk melakukan perhitungan berikut :

$x = 1$

$y = 4$

$z = x + y$

output (z)

```
SQL> conn system
Enter password:
Connected.
SQL> set serveroutput on;
SQL> ed
Wrote file afiedt.buf

 1 declare
 2   x constant int :=1;
 3   y int :=4;
 4   z number;
 5   begin
 6     y :=4;
 7     z :=x+y;
 8     dbms_output.put_line('hasil='||z);
 9 * end;
SQL> /
hasil=5

PL/SQL procedure successfully completed.
```

