

LAPORAN
PRAKTIKUM PEMROGRAMAN BASIS DATA
TUGAS 1



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1. Tampilkan skema table departments.

```
Command Prompt - sqlplus
Microsoft Windows [Version 10.0.18362.959]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\ROG>sqlplus

SQL*Plus: Release 11.2.0.2.0 Production on Sat Oct 3 14:38:08 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> desc departments;

Name                                Null?    Type
-----
DEPARTMENT_ID                      NOT NULL NUMBER(4)
DEPARTMENT_NAME                     NOT NULL VARCHAR2(30)
MANAGER_ID                          NUMBER(6)
LOCATION_ID                          NUMBER(4)
```

2. Tampilkan skema table jobs.

```
SQL> desc jobs;

Name                                Null?    Type
-----
JOB_ID                              NOT NULL VARCHAR2(10)
JOB_TITLE                           NOT NULL VARCHAR2(35)
MIN_SALARY                          NUMBER(6)
MAX_SALARY                          NUMBER(6)
```

3. Tampilkan skema table regions.

```
SQL> desc regions;
Name                                         Null?   Type
-----
REGION_ID                                   NOT NULL NUMBER
REGION_NAME                                VARCHAR2(25)
```

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4. Tampilkan query join yang menghasilkan data berikut ini.

```
SQL> desc employees;
Name                                         Null?   Type
-----
EMPLOYEE_ID                                NOT NULL NUMBER(6)
FIRST_NAME                                 VARCHAR2(20)
LAST_NAME                                  NOT NULL VARCHAR2(25)
EMAIL                                       NOT NULL VARCHAR2(25)
PHONE_NUMBER                               VARCHAR2(20)
HIRE_DATE                                  NOT NULL DATE
JOB_ID                                      NOT NULL VARCHAR2(10)
SALARY                                      NUMBER(8,2)
COMMISSION_PCT                             NUMBER(2,2)
MANAGER_ID                                 NUMBER(6)
DEPARTMENT_ID                              NUMBER(4)

SQL> desc departments;
Name                                         Null?   Type
-----
DEPARTMENT_ID                              NOT NULL NUMBER(4)
DEPARTMENT_NAME                            NOT NULL VARCHAR2(30)
MANAGER_ID                                 NUMBER(6)
LOCATION_ID                                  NUMBER(4)

SQL> select first_name, department_name, salary
2 from employees, departments
3 where employees.department_id=departments.department_id;
```

FIRST_NAME DEPARTMENT_NAME SALARY

Jennifer	Administration	4400
Michael	Marketing	13000
Pat	Marketing	6000
Den	Purchasing	11000
Alexander	Purchasing	3100
Shelli	Purchasing	2900
Sigal	Purchasing	2800
Soy	Purchasing	2600
Karen	Purchasing	2500
Susan	Human Resources	6500
Matthew	Shipping	8000

FIRST_NAME DEPARTMENT_NAME SALARY

Adam	Shipping	8200
Payam	Shipping	7900
Shanta	Shipping	6500
Kevin	Shipping	5800
Julia	Shipping	3200
Irene	Shipping	2700
James	Shipping	2400

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Julia      Shipping      3200
Irene      Shipping      2700
James      Shipping      2400
Steven     Shipping      2200
Laura      Shipping      3300
Mozhe      Shipping      2800
James      Shipping      2500

FIRST_NAME DEPARTMENT_NAME SALARY
-----
IT          Shipping      2100
Jason       Shipping      3300
Michael     Shipping      2900
Kell        Shipping      2400
Hazel       Shipping      2200
Renske     Shipping      3600
Stephen     Shipping      3200
John        Shipping      2700
Joshua      Shipping      2500
Trenna     Shipping      3500
Curtis      Shipping      3100

FIRST_NAME DEPARTMENT_NAME SALARY
-----
Randall     Shipping      2600
Peter       Shipping      2500
Winston     Shipping      3200
Jean        Shipping      3100
Martha      Shipping      2500
Elrard      Shipping      2800
Mandita     Shipping      4200
Alexis      Shipping      4100
Julia       Shipping      3400
Anthony     Shipping      3000
Kelly       Shipping      3800

FIRST_NAME DEPARTMENT_NAME SALARY
-----
Jennifer     Shipping      3600
Timothy      Shipping      2900
Randall      Shipping      2500
Sarah        Shipping      4000
Britney      Shipping      3900
Samuel       Shipping      3200
Vance        Shipping      2800
Alana        Shipping      3100
Kevin        Shipping      3000
Donald       Shipping      2600
Douglas      Shipping      2600
```

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```
Command Prompt - sqlplus

FIRST_NAME DEPARTMENT_NAME SALARY
-----
Alexander  IT          9000
Bruce      IT          6000
David      IT          4800
Valli      IT          4800
Diana      IT          4200
Hermann    Public Relations 10000
John       Sales       14000
Karen      Sales       13500
Alberto    Sales       12000
Gerald     Sales       11000
Eleni      Sales       10500

FIRST_NAME DEPARTMENT_NAME SALARY
-----
Peter       Sales       10000
David       Sales       9500
Peter       Sales       9000
Christopher Sales       8000
Janette     Sales       7500
Oliver      Sales       7000
Janette     Sales       10000
Patrick     Sales       9500
Allan       Sales       9000
Lindsey     Sales       8000
Louise      Sales       7500

FIRST_NAME DEPARTMENT_NAME SALARY
-----
Sarath      Sales       7000
Clara       Sales       10500
Danielle    Sales       9500
Mettea      Sales       7200
David       Sales       6800
Sundar      Sales       6400
Kait        Sales       6200
Lisa        Sales       11500
Harrison    Sales       10000
Tayler      Sales       9600
William     Sales       7400

FIRST_NAME DEPARTMENT_NAME SALARY
-----
Elizabeth   Sales       7300
Sundita     Sales       6100
Ellen       Sales       11000
Alyssa      Sales       8800
Jonathon    Sales       8600
Jack        Sales       8400
```

Windows taskbar: 256 PM 10/3/2020

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