

LAPORAN DEMO BASIS DATA LANJUT



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BASIS DATA LANJUT

PROGRAM STUDI INFORMATIKA

FAKULTAS ILMU KOMPUTER

UNIVERSITAS PEMBANGUNAN NASIONAL "VETERAN"

JAWA TIMUR

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Daftar Tabel

DEPARTEMENTS	
deptno	Number
name	Varchar
location	Varchar

EMPLOYEES	
empno	Number
name	Varchar
job	Varchar
manager	Number
hiredate	Date
salary	Number
commisision	Number
deptno	number

Query yang dibuat

```
create table DEPARTMENTS (  
  deptno      number,  
  name        varchar2(50) not null,  
  location     varchar2(50),  
  constraint pk_departments primary key (deptno)  
);
```

```
create table EMPLOYEES (  
  empno       number,  
  name        varchar2(50) not null,  
  job         varchar2(50),  
  manager     number,  
  hiredate    date,  
  salary      number(7,2),  
  commission  number(7,2),  
  deptno      number,  
  constraint pk_employees primary key (empno),  
  constraint fk_employees_deptno foreign key (deptno)  
    references DEPARTMENTS (deptno)  
);
```

```
insert into departments (deptno, name, location) values  
(1, 'Finance','New York');
```

```
insert into departments (deptno, name, location) values  
(2, 'Development','San Jose');
```

```
insert into EMPLOYEES  
(empno, name, job, salary, deptno)  
values  
(1, 'Sam Smith','Programmer',  
 5000,  
(select deptno  
from departments  
where name = 'Development'));
```

```
insert into EMPLOYEES
```

```
(empno, name, job, salary, deptno)
values
(2, 'Mara Martin','Analyst',
6000,
(select deptno
from departments
where name = 'Finance')));
```

```
insert into EMPLOYEES
(empno, name, job, salary, deptno)
values
(3, 'Yun Yates','Analyst',
5500,
(select deptno
from departments
where name = 'Development'));
```

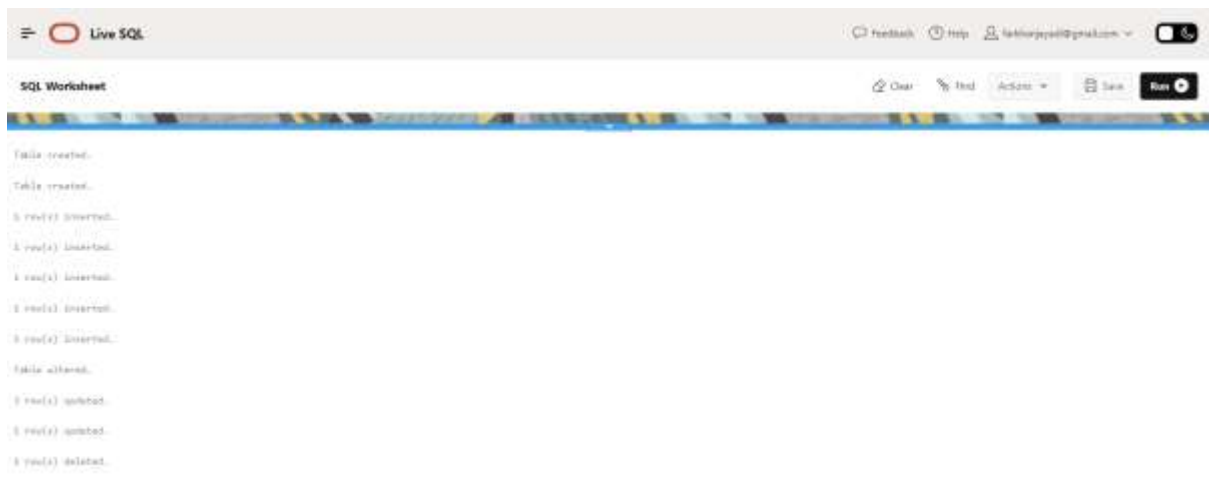
```
alter table EMPLOYEES
add country_code varchar2(2);
```

```
update employees
set country_code = 'US';
```

```
update employees
set commission = 2000
where name = 'Sam Smith';
```

```
delete from employees
where name = 'Sam Smith';
```

Tampilan hasil query



DEPTNO	NAME	LOCATION
1	Finance	New York
2	Development	San Jose

Download CSV

2 rows selected.

EMPNO	NAME	JOB	MANAGER	HIREDATE	SALARY	COMMISSION	DEPTNO	COUNTRY_CODE
2	Mara Martin	Analyst	-	-	6000	-	1	US
3	Yun Yates	Analyst	-	-	5500	-	2	US

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