

FUNDAMENTAL DBMS
ACTIVITY PERTEMUAN 7
(ORACLE DATA DEFINITION LANGUAGE (DDL))
LEMBAR JAWABAN

Nama : Ali Akbar Said Hari / Tanggal : Rabu, 22 Juni 2022
NPM : 50421119

1. Buatlah tabel Supplier yang mempunyai kolom-kolom berisi Kode_supplier, Nama_supplier, Alamat, Kota, No_telepon, Waktu_pembayaran. (15 point)

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Worksheet Query Builder

CREATE TABLE Supplier (Kode_supplier number(10) PRIMARY KEY,
Nama_supplier varchar2(20) not null ,
Alamat varchar2(10) not null,
Kota number(20),
No_telepon varchar2(10),
Waktu_pembayaran date);

desc Supplier;

CREATE TABLE beli (No_slip number(10),
Tanggal date,
Kode_supplier number(10),
Nama_produk varchar2(40));

desc beli;

Script Output

Task completed in 0.421 seconds

Table SUPPLIER created.

Name	Null	Type
KODE_SUPPLIER	NOT NULL	NUMBER(10)
NAMA_SUPPLIER	NOT NULL	VARCHAR2(20)
ALAMAT	NOT NULL	VARCHAR2(10)
KOTA		NUMBER(20)
NO_TELEPON		VARCHAR2(10)
WAKTU PEMBAYARAN		DATE

Activate Windows
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Buat kembali tabel dengan nama Pembelian dengan kolom-kolomnya seperti tabel dibawah ini : (15 point)

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Worksheet Query Builder

CREATE TABLE Supplier (Kode_supplier number(10) PRIMARY KEY,
Nama_supplier varchar2(20) not null ,
Alamat varchar2(10) not null,
Kota number(20),
No_telepon varchar2(10),
Waktu_pembayaran date);

desc Supplier;

CREATE TABLE beli (No_slip number(10),
Tanggal date,
Kode_supplier number(10),
Nama_produk varchar2(40));

desc beli;

Script Output

Task completed in 0.031 seconds

NO_TELEPON VARCHAR2(10)
WAKTU PEMBAYARAN DATE
Table BELI created.

Name	Null	Type
NO_SLIP		NUMBER(10)
TANGGAL		DATE
KODE_SUPPLIER		NUMBER(10)
NAMA_PRODUK		VARCHAR2(40)

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2. Berdasarkan soal nomor 1, tambahkanlah primary key pada kolom No_slip di tabel Pembelian. (15 point)

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Worksheet

Query Builder

Alamat varchar2(10) not null,
Kota number(20),
No_telepon varchar2(10),
Waktu_pembayaran date);

desc Supplier;

CREATE TABLE beli (No_slip number(10),
Tanggal date,
Kode_supplier number(10),
Nama_produk varchar2(40));

desc beli;

ALTER TABLE beli ADD PRIMARY KEY (No_slip);

Script Output

Task completed in 0.495 seconds

Table BELI created.

Name	Null	Type
NO_SLIP		NUMBER(10)
TANGGAL		DATE
KODE_SUPPLIER		NUMBER(10)
NAMA_PRODUK		VARCHAR2(40)

Table BELI altered.

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3. Berdasarkan soal nomor 1, tambahkan foreign key ke kolom Kode_supplier tabel Pembelian yang berhubungan dengan kolom Kode_supplier pada tabel Supplier. (15 point)

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Worksheet

Query Builder

desc Supplier;

CREATE TABLE beli (No_slip number(10),
Tanggal date,
Kode_supplier number(10),
Nama_produk varchar2(40));

desc beli;

ALTER TABLE beli ADD PRIMARY KEY (No_slip);

ALTER TABLE beli ADD CONSTRAINT kode_supplier FOREIGN KEY(Kode_supplier) REFERENCES Supplier(Kode_supplier);

Script Output

Task completed in 0.105 seconds

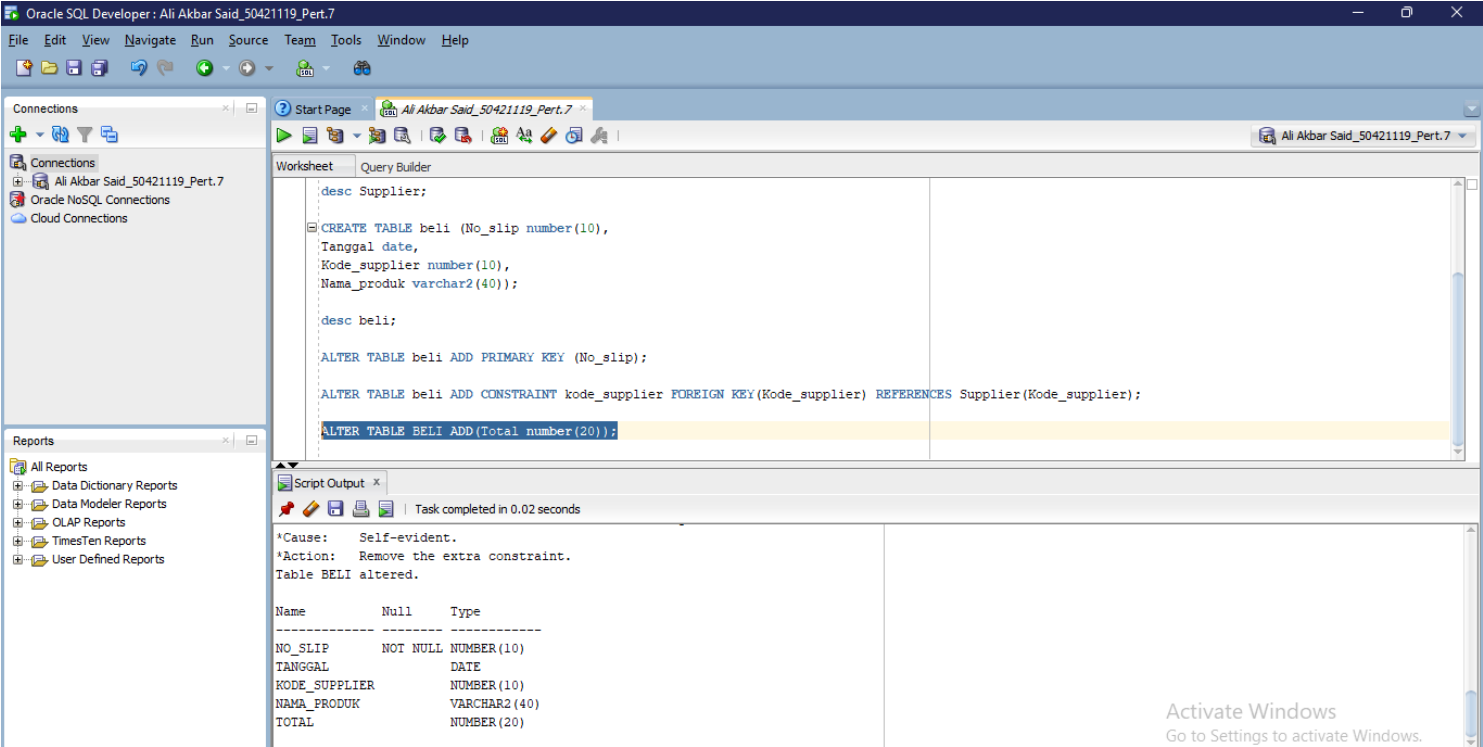
KODE_SUPPLIER NUMBER(10)
NAMA_PRODUK VARCHAR2(40)
Table BELI altered.

Name	Null	Type
NO_SLIP	NOT NULL	NUMBER(10)
TANGGAL		DATE
KODE_SUPPLIER		NUMBER(10)
NAMA_PRODUK		VARCHAR2(40)

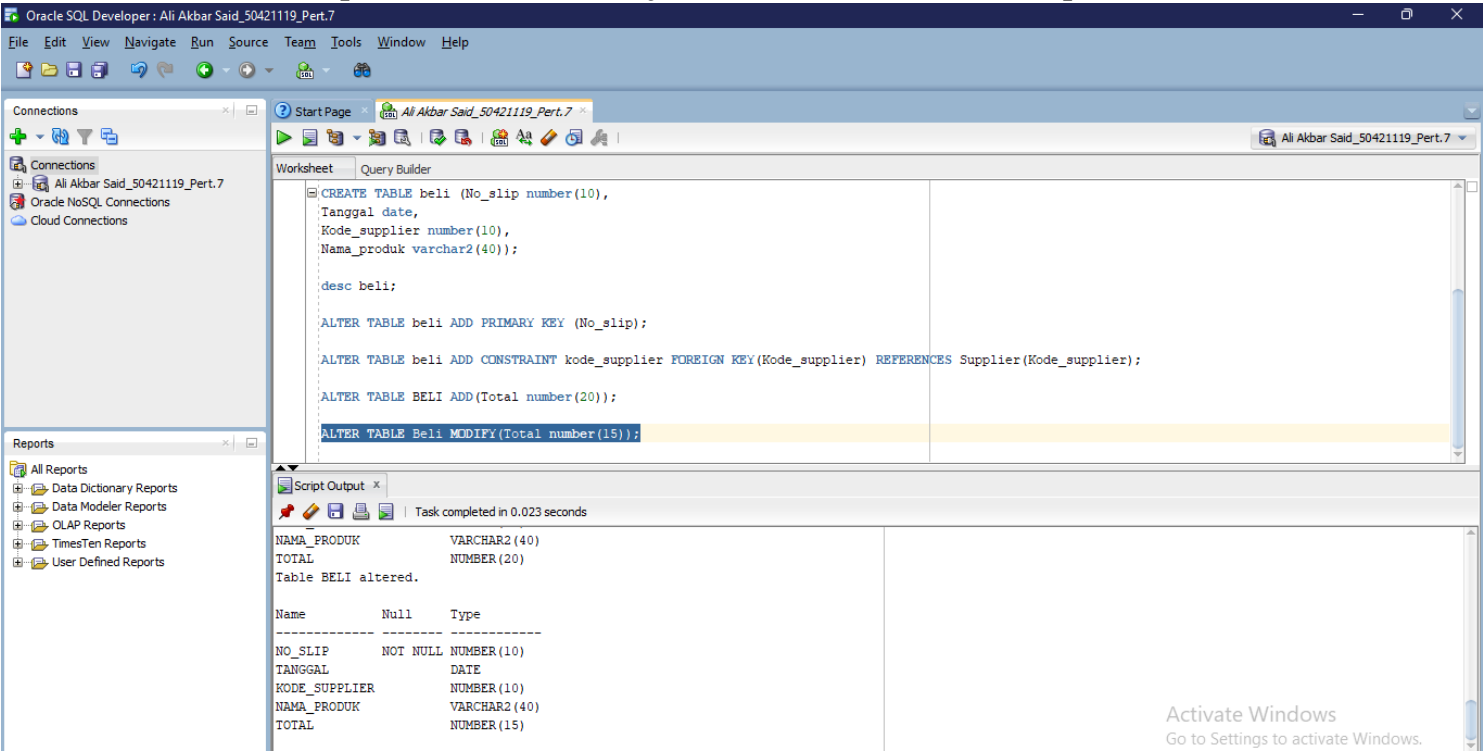
Error starting at line : 19 in command -
ALTER TABLE beli ADD CONSTRAINT kode_supplier FOREIGN KEY(Kode_supplier) REFERENCES Supplier(Kode_supplier)

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4. Kemudian tambahkan kolom baru bernama Total dengan tipe data number dan ukuran 20 pada tabel Pembelian. (10 point)



5. Kemudian ubah ukuran pada kolom Total menjadi 15 di tabel Pembelian (10 point)



6. Jika telah berhasil membuat kolom Total di table Pembelian, hapuslah kembali constraint pada kolom Kode_supplier tersebut di tabel Pembelian. (10 point)

The screenshot displays the Oracle SQL Developer environment. The top menu bar includes File, Edit, View, Navigate, Run, Source, Team, Tools, Window, and Help. The left sidebar contains the Connections pane (showing 'Ali Akbar Said_50421119_Pert.7') and the Reports pane (showing 'All Reports'). The main workspace is divided into two panes: 'Worksheet' and 'Query Builder'. The 'Worksheet' pane contains a SQL script for creating and altering a table named 'BELI'. The 'Script Output' pane shows the execution results, including the table structure and a confirmation message.

SQL Script:

```

Kode_supplier number(10),
Nama_produk varchar2(40));

desc beli;

ALTER TABLE beli ADD PRIMARY KEY (No_slip);

ALTER TABLE beli ADD CONSTRAINT kode_supplier FOREIGN KEY(kode_supplier) REFERENCES Supplier(kode_supplier);

ALTER TABLE BELI ADD(Total number(20));

ALTER TABLE Beli MODIFY(Total number(15));

ALTER TABLE beli DROP CONSTRAINT kode_supplier;

```

Script Output:

```

Task completed in 0.05 seconds

NAMA_PRODUK          VARCHAR2(40)
TOTAL                NUMBER(15)
Table BELI altered.

Name      Null    Type
-----
NO_SLIP   NOT NULL NUMBER(10)
TANGGAL                   DATE
KODE_SUPPLIER             NUMBER(10)
NAMA_PRODUK              VARCHAR2(40)
TOTAL                   NUMBER(15)

```

7. Hapuslah table Supplier. (10 point)

The screenshot displays the Oracle SQL Developer environment. The main window shows a SQL script in the 'Query Builder' tab. The script contains several SQL statements, with the last one, 'DROP TABLE supplier;', highlighted in yellow. Below the script, the 'Script Output' tab shows the execution results. The output indicates that the table 'SUPPLIER' was dropped successfully, but an error occurred: 'ERROR: object SUPPLIER does not exist'. This error is likely a result of the table being dropped and then referenced in a subsequent statement (not fully visible in the screenshot).

Connections:

- Al Akbar Said_50421119_Pert.7
- Oracle NoSQL Connections
- Cloud Connections

Reports:

- All Reports
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- TimesTen Reports
- User Defined Reports

SQL Script:

```

Nama_produk varchar2(40));

desc beli;

ALTER TABLE beli ADD PRIMARY KEY (No_slip);

ALTER TABLE beli ADD CONSTRAINT kode_supplier FOREIGN KEY(Kode_supplier) REFERENCES Supplier(Kode_supplier);

ALTER TABLE BELI ADD(Total number(20));

ALTER TABLE Beli MODIFY(Total number(15));

ALTER TABLE beli DROP CONSTRAINT kode_supplier;

DROP TABLE supplier;

```

Script Output:

```

NO_SLIP      NOT NULL NUMBER(10)
TANGGAL      DATE
KODE_SUPPLIER NUMBER(10)
NAMA_PRODUK  VARCHAR2(40)
TOTAL        NUMBER(15)
Table SUPPLIER dropped.

ERROR:
ERROR: object SUPPLIER does not exist

```

Windows Watermark:

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