

1. Membuat sequence DEPT_ID_SEQUENCE

Worksheet | Query Builder

```
-- 1
CREATE SEQUENCE DEPT_ID_SEQ
INCREMENT BY 10
START WITH 60
MAXVALUE 500
NOCACHE
NOCYCLE;
```

Script Output x

Task completed in 0.04 seconds

```
SQL> CREATE SEQUENCE DEPT_ID_SEQ
2 INCREMENT BY 10
3 START WITH 60
4 MAXVALUE 500
5 NOCACHE
6 NOCYCLE;
```

Sequence DEPT_ID_SEQ created.

2. Menampilkan sequence DEPT_ID_SEQ

Worksheet | Query Builder

```
-- 2
SELECT
    SEQUENCE_NAME,
    MIN_VALUE,
    MAX_VALUE,
    INCREMENT_BY,
    LAST_NUMBER
FROM user_sequences
WHERE sequence_name = 'DEPT_ID_SEQ';
```

Script Output x | Query Result x

All Rows Fetched: 1 in 0.002 seconds

| | SEQUENCE_NAME | MIN_VALUE | MAX_VALUE | INCREMENT_BY | LAST_NUMBER |
|---|---------------|-----------|-----------|--------------|-------------|
| 1 | DEPT_ID_SEQ | 1 | 500 | 10 | 60 |

3. Memodifikasi sequence DEPT_ID_SEQ

The screenshot shows the SQL Worksheet interface. The top toolbar includes icons for running queries, saving, and undo. The 'Worksheet' tab is active, displaying the following SQL code:

```
-- 3
ALTER SEQUENCE DEPT_ID_SEQ
INCREMENT BY 5
MAXVALUE 600
NOCACHE
NOCYCLE;
```

The bottom panel shows the 'Script Output' and 'Query Result' tabs. The 'Script Output' tab is active, displaying the command and its execution status:

```
SQL> ALTER SEQUENCE DEPT_ID_SEQ
2 INCREMENT BY 5
3 MAXVALUE 600
4 NOCACHE
5 NOCYCLE;

Sequence DEPT_ID_SEQ altered.
```

A status bar at the bottom indicates 'Task completed in 0.043 seconds'.

4. Memasukkan data ke tabel DEPT

The screenshot shows the SQL Worksheet interface. The 'Worksheet' tab is active, displaying the following SQL code:

```
-- 4
INSERT INTO dept VALUES
(DEPT_ID_SEQ.NEXTVAL, 'IT', 'INDONESIA');

SELECT * FROM DEPT;
```

The bottom panel shows the 'Script Output' and 'Query Result' tabs. The 'Query Result' tab is active, displaying the results of the SELECT statement:

| | DEPTNO | DNAME | LOC |
|---|--------|------------|-----------|
| 1 | 55 | IT | INDONESIA |
| 2 | 10 | ACCOUNTING | NEW YORK |
| 3 | 20 | RESEARCH | DALLAS |
| 4 | 30 | SALES | CHICAGO |
| 5 | 40 | OPERATIONS | BOSTON |

A status bar at the bottom indicates 'All Rows Fetched: 5 in 0.005 seconds'.

5. Membuat index DEPT_ID_IDX

The screenshot shows an SQL Worksheet interface. The main window displays the following SQL code:

```
-- 5
CREATE INDEX DEPT_ID_IDX ON
  DEPT (DEPTNO, DNAME);

SELECT IC.INDEX_NAME, IC.COLUMN_NAME
FROM USER_IND_COLUMNS IC
WHERE IC.TABLE_NAME = 'DEPT'
```

Below the code editor, the 'Query Result' tab is active, showing the results of the query. The status bar indicates 'All Rows Fetched: 3 in 0.1 seconds'.

| | INDEX_NAME | COLUMN_NAME |
|---|-------------|-------------|
| 1 | PK_DEPT | DEPTNO |
| 2 | DEPT_ID_IDX | DEPTNO |
| 3 | DEPT_ID_IDX | DNAME |