# FUNCTIONS AND PROCEDURES

# SYNTAX

## FUNCTIONS

CREATE OR REPLACE FUNCTION function\_name (

parameter1 datatype,

parameter2 datatype, ...

)

RETURN return\_datatype

IS

Declare variables variable\_name datatype;

BEGIN

-- Function logic -- Assign values, perform calculations, update data, etc.

RETURN value; -- Return a value of the specified return\_datatype

END function\_name;

/

## PROCEDURE

CREATE OR REPLACE PROCEDURE procedure\_name (

parameter1 datatype [IN | OUT | IN OUT],

parameter2 datatype [IN | OUT | IN OUT], ...

)

IS

-- Declare variables if needed variable\_name datatype;

BEGIN

-- Procedure logic: SQL statements, calculations, etc.

-- Example: DBMS\_OUTPUT for debugging DBMS\_OUTPUT.PUT\_LINE('Procedure executed successfully');

END procedure\_name;

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