

Database Programming with PL/SQL

2-2: Recognizing PL/SQL Lexical Units

Practice Activities

Vocabulary

Identify the vocabulary word for each definition below:

	An explicit numeric, character string, date, or Boolean value that is not represented by an identifier.
	Symbols that have special meaning to an Oracle database.
	Words that have special meaning to an Oracle database and cannot be used as identifiers.
	Describe the purpose and use of each code segment and are ignored by PL/SQL.
	Building blocks of any PL/SQL block and are sequences of characters including letters, digits, tabs, returns, and symbols.
	A name, up to 30 characters in length, given to a PL/SQL object.

Try It / Solve It Questions

1. Identify each of the following identifiers as valid or invalid. If invalid, specify why.

Identifier	Valid (X)	Invalid (X)	Why Invalid?
Today			
Last name			
today's_date			
number_of_days_in_february_this_year			
Isleap\$year			
#number			
NUMBER#			
Number1to7			

2. Identify the reserved words in the following list.

Word	Reserved? Y/N
create	
make	
table	
seat	
alter	
rename	
row	
number	
web	

3. What kind of lexical unit (for example Reserved word, Delimiter, Literal, Comment) is each of the following?

Value	Lexical Unit
SELECT	
:=	
'TEST'	
FALSE	
-- new process	
FROM	
/* select the country with the highest elevation */	
v_test	
4.09	