 



Database Programming with PL/SQL 2-2: Recognizing PL/SQL Lexical Units Practice Activities

**Vocabulary**

Identify the vocabulary word for each definition below:

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

Try It / Solve It Questions

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | **Valid (X)** | **Invalid (X)** | **Why Invalid?** |
| Today | X |  |  |
| Last name |  | X | Contine spatii |
| today’s\_date | X |  |  |
| number\_of\_days\_in\_february\_this\_ year |  | X | Mai lung de 30 de caractere |
| Isleap$year | X |  |  |
| #number |  | X | Trebuie sa inceapa cu litera |
| NUMBER# | X |  |  |
| Number1to7 | X |  |  |

1. Identify the reserved words in the following list.

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

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

|  |  |
| --- | --- |
| **Value** | **Lexical Unit** |
| SELECT | Cuvant rezervat |
| := | Delimitator |
| 'TEST' | Literal |
| FALSE | Identificator |
| -- new process | Delimitator(Comentariu) |
| FROM | Cuvant rezervat |
| /\* select the country with the highest elevation \*/ | Delimitator(Comentariu) |
| v\_test | Identificator |
| 4.09 | Literal(numeric) |

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