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**Escola del Clot**

CFGS Desenvolupament d'Aplicacions Web

CFGS Desenvolupament d'Aplicacions Multiplataforma

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**M02. Bases de dades UF4 BBDD objecte-relacional**

**Activitat 2.2**

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.

Literal

Symbols that have special meaning to an Oracle database.

Delimitador

Words that have special meaning to an Oracle database and cannot be used as identifiers.

Palabras reservadas

Describe the purpose and use of each code segment and are ignored by PL/SQL.

Comentario

Building blocks of any PL/SQL block and are sequences of characters including letters, digits, tabs, returns, and symbols.

Unidades lexicas

A name, up to 30 characters in length, given to a PL/SQL object.

Identificador

**Try It / Solve It Questions**

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Identifier** | **Valid** | **Invalid** | **Why Invalid?** |  |
| **(X)** | **(X)** |  |
|  |  |  |

Today

X

X

Falta $ o #

El espacio

Last name

+30 caracteres

today’s\_date

X

X

number\_of\_days\_in\_february\_this\_

year

X

Isleap$year

X

Empieza por #

#number

NUMBER#

X

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2. Identify the reserved words in the following list.

|  |  |
| --- | --- |
| **Word** | **Reserved? Y/N** |

create

Y

N

make

table

Y

seat

N

alter

Y

rename

Y

row

Y

number

Y

web

N

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

Literal

|  |  |
| --- | --- |
| **Value**  Palabra reservada | **Lexical Unit** |
|  |  |
| SELECT  Delimitador |  |
|  |  |
| :=  Delimitador |  |
|  |  |
| 'TEST' |  |
|  |  |
| FALSE  Comentario  Literal |  |
|  |  |
| -- new process  Palabra reservada |  |
|  |  |
| FROM |  |
|  |  |
| /\* select the country with the | Comentario |
| highest elevation \*/ |  |
| v\_test  Literal |  |
|  |  |
| 4.09 |  |
|  |  |

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