UNERSIDAD PRIVADA DE TACNA

INGENIERIA DE SISTEMAS

TITULO:

INFORME DE SECTION-FUNDAMENTALS

CURSO:

BASE DE DATOS II

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1. Actividad No 03 – Creating PL/SQL Blocks

1. VOCABULARIO :

   Identify the vocabulary word for each definition below:

   01-_____:Unnamed blocks of code not stored in the database and do not exist after they are executed

   02-_____:A program that computes and returns a single value

   03-_____:Named PL/SQL blocks that are stored in the database and can be declared as procedures or functions

   04-_____:Software that checks and translates programs written in highlevel programming languages into binary code to execute

   05-_____:A program that performs an action, but does not have to return a value

   01.- CHARACTERISTICS OF ANONYMOUS BLOCKS
   02.- FUNCTION
   03.- SUBPROGRAMS
   04.- C, JAVA, OL/SQL
   05.- PROCEDURE

2. Try It / Solve It

   01- Complete the following chart defining the syntactical requirements for a PL/SQL block:

	Optional or Mandatory?	Describe what is included in this section
DECLARE		
BEGIN		
EXCEPTION		
END;		

   01.- DECLARE = is optional – contains declarations of variables, constans, cursors, and user-defined exceptions that are referenced in the executable and exception sections.
   02.- BEGIN = is Mandatory – contains sql statements to retrieve data from the database and pl/sql statements to manipulate data in the block.
   03.- EXCEPTION = is optional – specifies the actions to perform when errors and abnormal conditions arise in the executable section
   04.- END = is Mandatory – is the end of a sentence that has to go by obligation

02- Which of the following PL/SQL blocks executes successfully? For the blocks that fail, explain why they fail

A. BEGIN

END;

B. DECLARE

amount INTEGER(10);

END;

C. DECLARE

BEGIN

END;

D. DECLARE

amount NUMBER(10);

begin

DBMS_OUTPUT.PUT_LINE(amount);

END;

A.- CORRECTO
B.- ERROR ———— FALTA EL EJECUTABLE BEGIN
C.- CORRECTO
D.- CORRECTO

03- Fill in the blanks:

A. PL/SQL blocks that have no names are called _____.

B. _____ and _____ are named blocks and are stored in the database.

A.- ANONYMOUS BLOCKS
B.- PROCEDURES — FUNCTION