Computer science 2nd rear 16-04-2020 Subject = DBMs Variable declaration in PL/SQL PL/sac variable must be declared du declaration section on lu a puckage as Global variable. When you declare a Var PL/SQL allocates memory for the Variation Value and the storage location is Identif by the Variable name. Syntax you declaration of variable: Variable-name datatype [ NOT NULL := Value ] Where, Variable - name is a Valid Identifier PL/sac, datatype must be a Valid PL/So data type on any user defined data type

Sales number (10,2);

P; Constant double Precision:= 3.1415;

name Varchar 2(25)

address Varchar 2(100)

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Constants and Literals in PL/Sal A constant hold a Value that once declared, does not change un the in the program. A Constant declaration specifies ils have, data type, and value and allocates Storage for ist. The declaration can also Impose the Not NULL constraints. Declaring a constant A constant is declared using the CONSTANT kylvord. It segjunes an Initial Value and does not allow Changed. for example 9I CONSTANT NUMBER := 3.141592654, DECLARE constant declaration. Pi constant number: 2 3.141592654; - other declarations. radius number (5,2); d'a number (5, 2), Circumponence mamber (7,2); area number (10,2); BEGIN - Processing radius := 9.5; dia := radia \* 2 i Cincerporence := 2.0 \* Pi of radius Scanned with CamScanner

```
area := Pi * oradius * radius;
 doms - output. Put-line ( Radius: 11 ocadius);
 dbms - output. Put - dive ('Dianetu: 11 dia);
abons - autput - Put - line (Cinconference: 11 Cinamperence)
abons - output. Put - line ("Arua: 11 area);
END;
when the above code is executed at the
 Sac Prompt, it produces the following
had have Huger
    radius : 9.5
 D'ameter: 19
  Circumference: 59.69
   Area: 283.53
PL/SQL Procedure Successfully Completed,
```

The PL/SQL Liderals	
a literal is an explicit numberic,	
character, string, or Boolean Value not-	
supresented by an Identifier for example	
character, string, or Boolean Value not- supresented by an Identifier for example 786, Nucleare all leterals of Boolean,	
number on streing. PL/SaL léterals are	
case sensitive. PL/SQL supports the	
following kind of literals.	
=) Numeric literals	
=) Numeric liderals =) Character diducals	
=) String leterals.	
=> Date and time literales.	
S.No leteral type & Example	
1 10 60	Numbric disterals
	05078-140+32767
	6.6667 0.0 -12.0 3.14159
ant	+7800.00
2	Character diterals
	'A' '/.' '9' 'Z' '('
. 3.4	String literals
	'Hello, world!'
0.000	19-NOV-12
when	V Galant

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BOOLEAN Literals TRUE, FALSE and NULL Date and Time distenses DATE 1978-12-25) TIMESTAMP 12:01:01; Jud J Single quotes within a String literal Single quotes next to a each place two shown in the following program DECLARE message Varchar 2(30) = Hello: world! BEGIN dbms - output. per-line (message); END; Member Justine when the above code is executed at - prompt, in produces the Helloworld! PL/5 & L procedure Successfully Completed 16 04 2020

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