Brendon Lucas
8953
SE Comps B

Exp - 8 - Postlab

1) Advantages of PLSQL vs SQL

Ans :-

(a) :- PL/SQL is a database programming language using SQL, while SQL is only database query language.

(b) PL/SQL allows _____, declaration of data variable while SQL does not.

(c) Control structures are available like, For loop, while loop whereas SQL does not support control structures.

(d) PL/SQL block performs Group of Operations as single block whereas SQL performs single Query operations

(e) It does not interacts directly with the database server and PLSQL is application oriented language in contrast SQL is Data oriented language and It directly interacts with database server.

(f) PL/SQL is accustomed write program blocks, functions, procedures, triggers and packages. in contrast SQL is used to write queries, DDL and DML statements.

Q2 Explain data types of PL/SQL

Ans

(1) NUMERIC DATATYPES:-

(a) INT

ANSI specifies integer type with maximum precision of 38 decimal digits

(b) FLOAT

ANSI and IBM specific floating point type with maximum precision of 128 binary digits

(2) CHARACTER DATATYPES:-

Varchar2 :- Variable-length character string with maximum size of 32,767 bytes

(3) DATETIME and INTERVAL DATATYPES:-

DAY
    01 to 31 (valid by Months & Year)

MONTH
    01 to 12

YEAR
    -4712 to 9999

LARGE OBJECT (LOb) DATATYPES

BLOB
    Used to store large binary object upto 128 TB.