Database Programming with PL/SQL

1-2: Benefits of PL/SQL

Practice Activities

Vocabulary

Identify the vocabulary word for each definition below

|  |  |
| --- | --- |
| portability | The ability for PL/SQL programs to run anywhere an Oracle server  runs. |
| Block (blocul) | The basic unit of PL/SQL programs- also known as modules. |
| exception | An error that occurs in the database or in a user’s program during  runtime. |

Try It / Solve It

1. Why is it more efficient to combine SQL statements into PL/SQL blocks  
pot integra mai multe sql statements intr-un singur bloc.

Spatiul consumat este mai mic

numarul de linii returnat este mai mic

Integrarea structurilor procedurale cu SQL => control mai bun asupra rezultatelor instructiunilor SQL

2. Why is it beneficial to use PL/SQL with an Oracle database? List at least three reasons.

Integrarea constructiilor procedurale cu sql

Programare modulara

Performanta imbunatatita

Portabilitate

Exception Handling

3. How is PL/SQL different from C and Java? List three differences.

Mai usor de invatat decat C si Java

OOP: PL unele features, C nu, Java da

Are nevoie de un DB Oracle sau Oracle Tools, spre deosebire de C si Java

4. List three examples of what you can build with PL/SQL code.

Poti gestiona baza de date Oracle

Poti crea DB-centric web application folosind partial/total PL/SQL

Poti construi o aplicatie Web