



Practise Assignment -VARRAYS

Managing Monthly Electricity Consumption Using PL/SQL VARRAY

Problem Description

An electricity board wants to store and process the **monthly electricity consumption units** of a consumer for a year. Since the number of months is fixed (12), the system should use a **PL/SQL VARRAY** to store the units consumed each month.

Requirements

1. Create a **PL/SQL VARRAY type** capable of storing **12 numeric values**, representing monthly electricity consumption units.
2. Write a **PL/SQL program** to:
 - Initialize the VARRAY with monthly consumption data.
 - Display the consumption units for each month.
 - Calculate and display:
 - Total annual consumption
 - Average monthly consumption
3. If any month's consumption exceeds a predefined limit (e.g., 300 units), display a **warning message** for that month.
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-----Live to code, Code to live-----