



## 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.

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#### 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-----