SAP Enhancement Notes

Implicit Enhancement

- SAP ne khud kuch jagah di hoti hai jahan tum code add kar sakte ho (like program start, end, form routines).

- Bas "Enhancement Mode" on karo, right-click karo aur apna code likho.

- Table ya code sort karne ki zarurat nahi.

Explicit Enhancement

- SAP code me ENHANCEMENT-POINT ya ENHANCEMENT-SECTION likha hota hai.

- Tum sirf un marked jagahon par hi code likh sakte ho.

- Thoda advance hota hai, structure ke sath.

SE18 / SE19 - BAdI (Business Add-In)

SE18 - BAdI Definition

- Dekhne ke liye ki SAP ne kahan customize karne ka option diya hai.

- BAdI ke methods kya hain, interface kya hai - sab yahan se milta hai.

SE19 - BAdI Implementation

- Apna code likhne ke liye jab tum kisi BAdI ko use karte ho.

- Jaise - PO create hote waqt apna custom logic chalana.

SE24 - Class Builder

- Object-oriented class banane, dekhne, ya modify karne ke liye.

- Tum class me method (function), attribute (variable) add kar sakte ho.

- Example: ZCL_MY_CLASS naam ki custom class banao.

SE09 / SE10 / SE01 - Transport Tools

SE10 - Tumhare khud ke transport request dekhne/release

SE09 - Sabhi ke (technical/workbench) request dekhna

SE01 - Expert mode - sab kuch manage karne ka tool

Types of Internal Tables

Standard - Normal table, slow search (line-by-line)

Sorted - Hamesha sorted rehti hai, supports binary search

Hashed - Dictionary jaisa - key se fast search

Binary Search

- Sorted table me fast search karne ka tareeka.

- Beech wale record se start karta hai -> half karta hai -> repeat karta hai.

- Table must be sorted.

Bucket

- Group ya container jisme similar data daala jata hai.

- Mostly hash table me use hota hai.

Synchronous vs Asynchronous

Synchronous - Result ka wait karta hai (Normal CALL FUNCTION)

Asynchronous - Result ka wait nahi karta - background me (CALL FUNCTION... STARTING NEW

TASK)

Parallel Processing

- Ek hi kaam ko alag-alag part me divide kar ke ek saath multiple background tasks chalana.

- Fast processing ke liye hota hai.

- Example: 10,000 entries ko 5 tasks me divide karke process karna.