**Parameters (28-10-2021)**

To provide the values for input dynamically ---- Parameters:

1) Parameters --- for providing the values

2) to create check boxes

3) to create radio buttons

4) to create list box

* To provide the text for the input fields defined in the selection screen,
* use the concept of Text elements.
* A Text element is used for providing the meaningful descriptions for the input
* elements in the selection screen.
* Selection screen

**REPORT ZAFBTCH\_PARAMETERS.**

\*\* Program for Parameters --- for inputting a value.

SELECTION-SCREEN Begin of Block B1 WITH FRAME title text-000.

Parameters: First type string OBLIGATORY, "obligatory--mandatory

Second type string OBLIGATORY.

SELECTION-SCREEN End of block B1.

Selection-screen Skip 1.

* SELECTION-SCREEN Begin of Block B2 WITH FRAME title text-001.
* Parameters: A1 RADIOBUTTON GROUP RG1,
* B1 RADIOBUTTON GROUP RG1.
* SELECTION-SCREEN end of Block B2.
* SELECTION-SCREEN Begin of Block B3 WITH FRAME title text-001.
* PArameters:PA1 RADIOBUTTON GROUP RG2,
* PB1 RADIOBUTTON GROUP RG2.
* SELECTION-SCREEN end of Block B3.
* SELECTION-SCREEN Skip 2.
* SELECTION-SCREEN Begin of Block B4 WITH FRAME title text-001.
* Parameters: Download as CHECKBOX,
* Excel as CHECKBOX,
* MS word as CHECKBOX.
* SELECTION-SCREEN end of Block B4.
* Data:C1 type String.
* Concatenate

CONCATENATE First Second into C1 SEPARATED BY Space.

Write:/ 'The Concatenated String is:',C1 color 5.

Addition of two numbers.

Obligatory --- mandatory while inputting a value in the screen.

REPORT ZAFBTCH\_ADDITION.

**Program for addition of two numbers.**

Data: A1 type I,

B1 type I,

C1 type I.

\*\* assigning the value to the variable.

A1 = 20.

Move '30' to B1.

Move '20' to A1.

C1 = A1 + B1.

Write:/ 'The Addition of two numbers is:',C1 color 6.

\*\*Skip 3.

Parameters: P1 type i OBLIGATORY,

P2 type i OBLIGATORY.

Data: Add type I.

Add = P1 + P2.

Skip.

Write:/ 'The Addition of two numbers is', Add color 7.

**Structures in SE38**

Structures are user defined objects used for storing different kinds of information.

Structure --- Vendor ----

Struct Vendor

{

vendor no

}

ABAP:

Syntax: Begin of <structure name>,

<fld1>,

<fld2>,

<fld3>,

End of <Structure name>.

REPORT ZAFBTCH\_STRUCTURES.

This program demonstrates the functionality of structures that stores the information of vendor details.

Syntax: Begin of <structure name>,

<fld1>,

<fld2>,

<fld3>,

End of <Structure name>.

Data: Begin of Vendor,

vendor no(5) type c,"vendor no

vname(35) type c,"vendor name

city(35) type c,"city

ctry(2) type c,

End of Vendor.

For assign the values to the structure fields.<structure>-fld1, fld2

1) Vendor-vendor no = '101'.

vendor-name = 'Demo Vendor 2'.

vendor-city = 'Vishakhapatnam'.

vendor-cry = 'IN'.

2) Vendor-vendor no = '102'.

vendor-name = 'Demo Vendor 3'.

vendor-city = 'Kolhapur'.

vendor-cry = 'IN'.

**Display the output.**

Write:/ Vendor-vendor no color 3,

vendor-name color 4,

vendor-city color 4,

vendor-cry color 4.

**ABAP Debugger**

ABAP Debugger is the tool for controlling the sequence of the program or tells the process of execution (steps) in the program.