**Calculator with functional Module**

PARAMETERS:  
 pa\_int1 TYPE i,  
 pa\_op TYPE c LENGTH 1,  
 pa\_int2 TYPE i.  
DATA gv\_result TYPE p LENGTH 16 DECIMALS 2.  
  
*\*creating an if statement to ensure that my operator is a correct one.*  
IF ( pa\_op <> '/' AND  
 pa\_op <> '+' AND  
 pa\_op <> '-' AND  
 pa\_op <> '\*').  
  
  
 WRITE 'Invalid operator!'(iop).  
  
ELSEIF pa\_op = '/' and pa\_int2 = '0'.  
  
 WRITE 'No division by zero!'(dbz).  
  
ELSE.

*\*Here I am calling the Function Module Addition and Exporting the Values.*  
 CALL FUNCTION 'ADDITION'  
 EXPORTING  
 integer1 = pa\_int1  
 integer2 = pa\_int2  
 operator = pa\_op  
  
 IMPORTING  
 calculation = gv\_result.  
  
ENDIF.  
*\*declaring a data of global variable type p = number with specified length + specified decimals*  
  
  
  
*"printing out the result / statement*  
 WRITE: 'Result'(res), gv\_result.

This is the addition function module I previously called.

Declaring the parameters previously exported  
PARAMETERS:  
 integer1 TYPE i,  
 operator TYPE c LENGTH 1,  
 integer2 TYPE i.  
 DATA calculation TYPE p LENGTH 16 DECIMALS 2.  
  
*\*Essentially adding more error checking to be sure operator is correct*   
  
IF ( operator = '+' OR  
 operator = '-' OR  
 operator = '\*' OR  
 operator = '/' AND integer2 <> 0 ).  
  
*\*Case is used when checking the specific situation of cases*  
*\*In this case its giving specific instructions for when operator is equal to a symbol*  
CASE operator.  
 WHEN '+'.  
 calculation = integer1 + integer2.  
 WHEN '-'.  
 calculation = integer1 - integer2.  
 WHEN '\*'.  
 calculation = integer1 \* integer2.  
 WHEN '/'.  
 calculation = integer1 / integer2.  
ENDCASE.  
  
  
*"printing out the result / statment*  
 ENDIF.

wa\_employees-id = ID.  
wa\_employees-Name = NAME.  
wa\_employees-Role = role.  
wa\_employees-Zphone = number.  
  
if function = 'insert'.  
Insert zemployee From wa\_employees.  
elseif function = 'update'.  
 UPDATE zemployee from wa\_employees.  
elseif function = 'delete'.  
 DELETE zemployee from wa\_employees.  
ENDIF.