**CALCULATOR**

REPORT ZBC400\_CK\_COMPUTE.  
  
*\*declaring the parameters needed*  
*\*type i = int/ type c= character with specified length*  
PARAMETERS:  
 pa\_int1 TYPE i,  
 pa\_op TYPE c LENGTH 1,  
 pa\_int2 TYPE i.  
  
*\*declaring a data of global variable type p = number with specified length + specified decimals*  
DATA gv\_result TYPE p LENGTH 16 DECIMALS 2.  
  
  
*\* checking the character of pa\_op*  
IF ( pa\_op = '+' OR  
 pa\_op = '-' OR  
 pa\_op = '\*' OR  
 pa\_op = '/' AND pa\_int2 <> 0 ).  
  
*\*Case is used when checkeing the specific situation of cases*  
*\*In this case its giving specific instructions for when pa\_op is equal to a symbol*  
CASE pa\_op.  
 WHEN '+'.  
 gv\_result = pa\_int1 + pa\_int2.  
 WHEN '-'.  
 gv\_result = pa\_int1 - pa\_int2.  
 WHEN '\*'.  
 gv\_result = pa\_int1 \* pa\_int2.  
 WHEN '/'.  
 gv\_result = pa\_int1 / pa\_int2.  
ENDCASE.  
  
  
*"printing out the result / statment*  
 WRITE: 'Result'(res), gv\_result.  
  
ELSEIF pa\_op = '/' AND pa\_int2 = 0.  
  
 WRITE 'No division by zero!'(dbz).  
  
ELSE.  
  
 WRITE 'Invalid operator!'(iop).  
  
ENDIF.