
Subject: pointers and IF statement

Posted by [JJMeyers2](#) on Wed, 16 Nov 2005 20:08:45 GMT

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Hello,

I am trying to learn pointers and I had a problem while writing a program.

My program is comparing two lists of data (list1,list2) and is trying to find in which positions the data match, but because that might be in more than 2 positions I am using the pointers to store the data. In the case that the program does not find a match I want to be able to substitute with another value.

So my program goes like this:

```
match1=ptarr(number,/allocate_heap)
FOR i=0,number-1 DO BEGIN
*match1[i]=WHERE(list1 GT list2(i))
IF *match1[i] EQ -1 THEN BEGIN
*match1[i]=WHERE(list1-list2(i) EQ min(list1-list2(i))
ENDIF
ENFOR
```

When i try to run this i get:

Expression must be a scalar or 1 element array in this context: <BYTE
Array[2]>.

and I can not figure out how to correct the problem.

Does anyone have any suggestions?

Thank you for the help!
