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Subject: Re: HELP with IF statement

Posted by [David Fanning](#) on Thu, 25 Jun 2015 12:22:42 GMT

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g.nacarts@gmail.com writes:

```
> I have a problem with IF statement
>
> I wanted to check whether my array A has any zero element and if so then simply return a zero
array (with two zeroes). I typed the following but am not sure if it's correct.
>
> A  FLOAT = Array[58]
>
> FOR i=0L, 57 DO BEGIN
>   IF A[i] EQ 0 THEN RETURN, [0,0]
> ENDFOR
```

There are a whole host of articles on my web page explaining why it will be impossible to find a zero value in an array of floats. I'll just give you the bottom line: use `Floats_Equal` from the Coyote Library to do this kind of comparison:

```
IF Floats_Equal(a[i],0) THEN RETURN, [0,0]
```

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")

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