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Subject: Re: assignment inside boolean expression  
Posted by [Ben Tupper](#) on Tue, 11 Jul 2000 07:00:00 GMT  
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Craig Markwardt wrote:

```
> Ben Tupper <tupper@seadas.bigelow.org> writes:
>> "Liam E.Gumley" wrote:
>>
>>>
>>> Recall that in IDL, integers with odd non-zero values are Boolean
>>> 'True'. Beware of floats and doubles though, where any non-zero value is
>>> Boolean 'True'.
>>>
>>
>> Dang!
>>
>> I just spent an hour figuring out an efficient way of determining if an
>> integer is odd!
>>
>> I have an IDL function ISODD() for sale... very cheap. No reasonable
>> offer refused.
>
> Not to undercut you, but will (X AND 1) do the trick?
>
```

Thanks to Ken and Craig. I think for my purposes the following should suffice (I guess as long as I make sure that I'm working with an integer/long/byte type.)

```
X = Indgen(6) - 2
```

```
For i = 0, N_elements(X)-1 Do $
  If X[i] then Print, X[i], ': Odd' Else print, X[i], ': Even'
```

```
-2: Even
-1: Odd
0: Even
1: Odd
2: Even
3: Odd
```

Thanks again,

Ben

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