
Subject: Friday Afternoon Puzzler

Posted by [David Fanning](#) on Fri, 12 Jun 2009 20:51:48 GMT

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Folks,

If you've already had a beer, you may want to work on this one. Should we be concerned? Or is this just one more example for the Sky is Falling article?

I've voiced my opinion, but it didn't satisfy the complainant. What say you?

```
curly=[-1.912,-1.852,-1.386,-0.818,-0.343,-0.343,-1.233]
larry=[-1.912,-1.852,-1.386,-0.818,-0.343,-0.343,-1.233]
curly = curly*!PI/180.
larry *= !PI/180.
diff=curly-larry
print,diff
```

```
curly=[-1.912,-1.852,-1.386,-0.818,-0.343,-0.343,-1.233]
larry=[-1.912,-1.852,-1.386,-0.818,-0.343,-0.343,-1.233]
curly = curly*!PI/180.
larry = larry*!PI/180.
diff=curly-larry
print,diff
```

```
curly=[-1.912,-1.852,-1.386,-0.818,-0.343,-0.343,-1.233]
larry=[-1.912,-1.852,-1.386,-0.818,-0.343,-0.343,-1.233]
curly *= !PI/180.
larry *= !PI/180.
diff=curly-larry
print,diff
```

The results:

```
-3.72529e-009  0.000000  0.000000-9.31323e-010  0.000000
0.000000  0.000000
  0.000000  0.000000  0.000000  0.000000  0.000000
0.000000  0.000000
  0.000000  0.000000  0.000000  0.000000  0.000000
0.000000  0.000000
```

Why aren't the first set of differences (where the assignment is made with the *= operator) *exactly* zero?

Cheers,

David

--

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

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