
Subject: Array subscript question

Posted by [bowman](#) on Thu, 02 Mar 2000 08:00:00 GMT

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Can someone explain this behavior to me? I can't find anything in the documentation that states that repeated subscripts are handled differently.

```
IDL> a = FINDGEN(5)
IDL> i = [1, 2, 3]
IDL> a[i] = a[i] + 10.0
IDL> PRINT, a
    0.00000    11.0000    12.0000    13.0000    4.00000
```

This is the behavior I expect.

```
IDL> a = FINDGEN(5)
IDL> i = [2, 2, 2]
IDL> a[i] = a[i] + 10.0
IDL> PRINT, a
    0.00000    1.00000    12.0000    3.00000    4.00000
```

Why does it only do the operation *once* when

```
IDL> HELP, a[i]
<Expression>  FLOAT    = Array[3]
```

```
IDL> a = FINDGEN(5)
IDL> i = [2, 2, 2]
IDL> a[i] = a[i] + [10.0, 10.0, 10.0]
IDL> PRINT, a
    0.00000    1.00000    12.0000    3.00000    4.00000
```

Even this doesn't help.

Ken

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