
Subject: MOD operator

Posted by [Theo Brauers](#) on Tue, 17 Oct 2000 07:00:00 GMT

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Hi experts.

I was wondering if the result of the MOD operator in IDL changed from previous versions (4.x, 5.0) to the current version (5.3.1).

Now the output is:

```
IDL> PRINT, (FINDGEN(8)-4.) MOD 3
-1.00000  0.000000  -2.00000  -1.00000  0.000000
 1.00000  2.00000  0.000000
```

When I programmed a function long ago I used the MOD operator expecting the output

```
IDL> PRINT, (FINDGEN(8)-4.) MOD 3
 2.00000  0.000000  1.00000  2.00000  0.000000
 1.00000  2.00000  0.000000
```

I used MOD to get rid number lower than zero and higher than 23.999999 when calculating the hours of the day for example.

Any help or tests with old versions are appreciated. Thanks

Theo

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