
Subject: Re: CASE statement
Posted by [R.Bauer](#) on Thu, 04 Oct 2001 06:51:50 GMT
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David Fanning wrote:

```
>  
> George McCabe (george.mccabe@gsfc.nasa.gov) writes:  
>  
>> ;+  
>> ; PURPOSE:  
>> ; "On or Off", turn any variable into a strict logical type  
>> ; with only two values 0 or 1  
>> ;  
>  
> Impressive code, George. But couldn't this be  
> more simply done with this:  
>  
> on_off = Keyword_Set(variable)  
>
```

Hi David and all others,

the most problem with all these functions `arg_present`, `n_elements`,
`keyword_set`
is that's most beginners believe that's some of them only works by
keywords
and some only for positional parameters.

To learn something about IDL and its parameters here are two exercises
of our course.

regards

Reimar

1)
There are three functions given

```
FUNCTION test1,minimum=min_val  
  IF KEYWORD_SET(min_val) THEN RETURN,1 ELSE RETURN,0  
END
```

```

FUNCTION test2,minimum=min_val
  IF ARG_PRESENT(min_val) THEN RETURN,1 ELSE RETURN,0
END

```

```

FUNCTION test3,minimum=min_val
  IF N_ELEMENTS(min_val) GT 0 THEN RETURN,1 ELSE RETURN,0
END

```

Fill out the form:

CALL | test1 | test2 |test3

PRINT, testX()			
PRINT, testX(minimum=0)			
PRINT, testX(minimum=10)			
PRINT, testX(minimum=-10)			
mv=0 & PRINT, testX(minimum=mv)			
mv=10 & PRINT, testX(minimum=mv)			
PRINT, testX(minimum=mv2)			

2)

There are three functions given

```

FUNCTION test1,min_val
  IF KEYWORD_SET(min_val) THEN RETURN,1 ELSE RETURN,0
END

```

```

FUNCTION test2,min_val

```

```

IF ARG_PRESENT(min_val) THEN RETURN,1 ELSE RETURN,0
END

```

```

FUNCTION test3,min_val
  IF N_ELEMENTS(min_val) GT 0 THEN RETURN,1 ELSE RETURN,0
END

```

Fill out the form:

CALL | test1 | test2 |test3

PRINT, testX()			
PRINT, testX(0)			
PRINT, testX(10)			
PRINT, testX(-10)			
mv=0 & PRINT, testX(mv)			
mv=10 & PRINT, testX(mv)			
PRINT, testX(mv2)			

--

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<http://www.fz-juelich.de/icg/icg1/>

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a IDL library at ForschungsZentrum Juelich

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>

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read something about linux / windows

