

---

Subject: Re: [Q] if-else statement  
Posted by [enkpong](#) on Wed, 06 May 1998 07:00:00 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Jason Li (jyli@redback.gsfc.nasa.gov) wrote:

: Hi,

: In FORTRAN, there is no problem to do:

```
: IF(test1) THEN
:   ...
: ELSEIF(test2) THEN
:   ...
: ELSEIF(test3) THEN
:   ...
: ELSEIF(test4) THEN
:   ...
: ENDIF
```

: Of course one can replace this with the CASE statement, but it is  
: really clumsy in my particular situation.

: As far as I know one can only perform two condition tests (test1 and  
: NOT test1) in IDL at one time using IF-ELSE:

```
: IF(test1) THEN BEGIN
:   ...
: ENDIF ELSE
:   ...
: ENDELSE
```

: [Question] How do you do multiple IF-ELSE tests in IDL?

: thanks in advance

: --

```
: =====
: Jason Y. Li           | Tel : (301) 286-1029
: Code 913              | Fax : (301) 286-1759
: NASA Goddard Space Flight Center | www : http://climate.gsfc.nasa.gov
: Greenbelt, MD 20771, USA      | email: jyli@climate.gsfc.nasa.gov
: =====
: Beauty of style, harmony, grace and good rhythm depend on simplicity.
```

You can of course do the same thing in IDL as in Fortran. For example, if you have four conditions needed to be tested, say TEST1, TEST2, TEST3, NOT(TEST1,TEST2,TEST3), you may have:

```
IF (TEST1) THEN BEGIN
  ....
ENDIF ELSE IF (TEST2) THEN BEGIN
  ....
ENDIF ELSE IF (TEST3) THEN BEGIN
  ....
ENDIF ELSE BEGIN
  ....
ENDELSE
```

Cheers,  
KP.

--

Koon-pong Wong                      Email : enkpong@en.polyu.edu.hk  
Department of Electronic Engineering  
The Hong Kong Polytechnic University Phone : (+852) 2766 6201  
Hung Hom, Kowloon                      FAX : (+852) 2362 8439  
Hong Kong                              Office: DE503d

---