
Subject: Re: help with stopping criterion - use of BREAK
Posted by [Craig Markwardt](#) on Wed, 28 Jan 2015 17:46:50 GMT
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On Wednesday, January 28, 2015 at 12:09:52 PM UTC-5, g.na...@gmail.com wrote:

> Hi

>

> I am using an iterative method and I want to add a stopping criterion in which the iterating will stop when there is no change in 3 consecutive iterations. I did the following but I am getting syntax error but I am not sure whether the use of BREAK it's correct. My code is as follows:

>

> COUNTER = 0

> IF ABS(OLD_VALUE-NEW_VALUE) EQ 0 THEN COUNTER = COUNTER + 1 \$

> ELSE COUNTER = 0

>

> IF COUNTER EQ 3 THEN

> BREAK

> ENDIF

IDL is line oriented. You can extend lines with \$ like you did in the first part of your code.

This statement:

> IF COUNTER EQ 3 THEN

is a syntax error.

This statement:

> IF COUNTER EQ 3 THEN BREAK

is not a syntax error. Nor is this,

> IF COUNTER EQ 3 THEN \$

> BREAK

Craig
