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Subject: FINDGEN function - Question

Posted by [dmfl0590](#) on Tue, 15 Mar 2016 11:51:24 GMT

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Hi

I created a floating point array using the FINDGEN function, e.g. A = FINDGEN(10).

I want to change the default starting point and make it 0.5. Also I want the maximum point to be 7.5 instead of 9 (but still be a 10 floating point array).

Can anyone help with this?

I am using an old version of IDL so I cannot use the keyword START and INCREMENT to change the defaults.

Thank you

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Subject: Re: FINDGEN function - Question

Posted by [Burch](#) on Tue, 15 Mar 2016 12:28:51 GMT

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On Tuesday, March 15, 2016 at 6:51:27 AM UTC-5, dmfl...@gmail.com wrote:

> Hi

>

> I created a floating point array using the FINDGEN function, e.g. A = FINDGEN(10).

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>

> Can anyone help with this?

>

> I am using an old version of IDL so I cannot use the keyword START and INCREMENT to change the defaults.

>

>

> Thank you

A = (7.0/9.0) \* findgen(10) + 0.5

-Jeff

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Subject: Re: FINDGEN function - Question

Posted by [Burch](#) on Tue, 15 Mar 2016 12:30:10 GMT

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On Tuesday, March 15, 2016 at 6:51:27 AM UTC-5, dmfl...@gmail.com wrote:

> Hi  
>  
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>  
> Can anyone help with this?  
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> I am using an old version of IDL so I cannot use the keyword START and INCREMENT to change the defaults.  
>  
>  
> Thank you

A = (7.0/9.0) \* findgen(10) + 0.5

-Jeff

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Subject: Re: FINDGEN function - Question

Posted by [Burch](#) on Tue, 15 Mar 2016 12:32:19 GMT

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On Tuesday, March 15, 2016 at 6:51:27 AM UTC-5, dmfl...@gmail.com wrote:

> Hi  
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>  
> Can anyone help with this?  
>  
> I am using an old version of IDL so I cannot use the keyword START and INCREMENT to change the defaults.  
>  
>  
> Thank you

Ok, sorry for the multiple posts. I'm not so good with computers this morning apparently...

A = (7.0/9.0) \* findgen(10) + 0.5

-Jeff

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Subject: Re: FINDGEN function - Question

Posted by Phillip Bitzer on Tue, 15 Mar 2016 14:01:49 GMT

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On Tuesday, March 15, 2016 at 6:51:27 AM UTC-5, dmfl...@gmail.com wrote:

> Hi  
>  
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7.5 instead of 9 (but still be a 10 floating point array).  
>

INTERPOL is another way to do this:

a = INTERPOL( [0.5, 7.5], 10)

This creates 10 equally spaced points between 0.5 and 7.5.

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