Subject: Identifying the index of a repeated element in an array Posted by thtran296 on Tue, 20 Jun 2017 20:49:37 GMT

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Hello everybody,

I have an array that looks like this:

x = [1,2,3,4,5,0,1,2,0,0,0,0,1,2,3,0,0,0,1,2,3]

I am interested in the location of the element "5" (index 4), "3" (index 14), and "3" (index 20).

I am writing a program to output the above three indices.

However, using min(where(x eq 3)) keeps giving me the index of the first 3, which I do not want. I need the index of the second 3, and the third 3.

Is there any way to do this?

Thank you so much!

Subject: Re: Identifying the index of a repeated element in an array Posted by Michael Galloy on Tue, 20 Jun 2017 23:56:09 GMT

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On 6/20/17 2:49 pm, thtran296@gmail.com wrote:

- > Hello everybody,
- >
- > I have an array that looks like this:
- > x = [1,2,3,4,5,0,1,2,0,0,0,0,1,2,3,0,0,0,1,2,3]
- > I am interested in the location of the element "5" (index 4), "3" (index 14), and "3" (index 20).
- > I am writing a program to output the above three indices.
- > However, using min(where(x eg 3)) keeps giving me the index of the first 3, which I do not want.
- > I need the index of the second 3, and the third 3.
- >
- > Is there any way to do this?
- >
- > Thank you so much!

>

I'm not sure of your question. Here is the answer to your question as stated:

ind = where(x eq 3) print, ind[1], ind[2]

Is this what you need?

Mike

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Michael Galloy

www.michaelgalloy.com Modern IDL: A Guide to IDL Programming (http://modernidl.idldev.com)

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