
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]`

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> 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

--

Michael Galloy

