

---

Subject: Re: Sort and Where

Posted by [Ivan Zimine](#) on Thu, 29 Jun 2000 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Simon de Vet wrote:

>  
> I assumed that this would sort both in the order of the y-coordinates.  
> However, when I use these values, my negative values reappear.

'sort' does not sort input array but returns subscripts for sorting

```
IDL> x = [3,1,4,5]
IDL> print, sort(x)
      1      0      2      3
; does input array have 0?
IDL> print, x(sort(x))
      1      3      4      5
```

hope this helps  
Ivan

--  
Ivan Zimine | [ivan.zimine@physics.unige.ch](mailto:ivan.zimine@physics.unige.ch)  
Dpt. of Radiology | (+41 22) 372 70 70  
Geneva University Hospitals |

---

---

Subject: Re: Sort and Where

Posted by [Simon de Vet](#) on Fri, 30 Jun 2000 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Ivan Zimine wrote:

> Simon de Vet wrote:  
>>  
>> I assumed that this would sort both in the order of the y-coordinates.  
>> However, when I use these values, my negative values reappear.  
>  
> 'sort' does not sort input array but returns subscripts for sorting

That's what I thought, and is no doubt what's causing all my problems.

I thought that the way I was handling my arrays would take this into account. I guess not.

I'll keep trying. I have a hunch that this would be more straightforward if I were to do it on multiple lines... easier to keep track of what's doing what.

Simon

---