
Subject: Re: help with sorting vector elements in to subarrays

Posted by [Tito](#) on Thu, 31 May 2012 12:07:32 GMT

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OK I tried and I fail.... I did this:

```
zz = []  
f=indgen(n_elements(amp)) ;; (f=[0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15])
```

```
for i=0L, n_elements(amp)-1 do begin  
  a = where(amp[i] eq amp ,count)  
  if count gt 0.0 then begin  
    if n_elements(a) gt 1 then begin  
      zz = [zz,i] ;; (zz =[3,4,6,7,8,9,10])  
    endif  
  endif  
endfor
```

```
if n_elements(zz) ne 0.0 then begin  
  match2,f,zz,subf,subzz  
  f[subzz] = -1  
  f = f[where(f[*] NE -1)] ;; (f = [0,1,2,5,11,12,13,14,15]) So far great!
```

```
;;amp[zz] = [0.5538, 0.5538, 0.5524, 0.5524, 0.5524, 0.1255, 0.1255]
```

```
ss = unique(amp[zz],count) ;; (ss=[0.5538, 0.5524, 0.1255])  
dd = dblarr(n_elements(ss),20)*0-1  
for i = 0L , n_elements(ss)-1 do begin  
  a = where(ss[i] eq amp,count)  
  dd[i,a] = a  
endfor  
endif
```

```
;; Now dd = Double[3, 20]  
-1.0000000 -1.0000000 -1.0000000  
-1.0000000 -1.0000000 -1.0000000  
-1.0000000 -1.0000000 -1.0000000  
3.0000000 -1.0000000 -1.0000000  
4.0000000 -1.0000000 -1.0000000  
-1.0000000 -1.0000000 -1.0000000  
-1.0000000 6.0000000 -1.0000000  
-1.0000000 7.0000000 -1.0000000  
-1.0000000 8.0000000 -1.0000000  
-1.0000000 -1.0000000 9.0000000  
-1.0000000 -1.0000000 10.000000  
-1.0000000 -1.0000000 -1.0000000  
-1.0000000 -1.0000000 -1.0000000  
-1.0000000 -1.0000000 -1.0000000
```

-1.0000000	-1.0000000	-1.0000000
-1.0000000	-1.0000000	-1.0000000
-1.0000000	-1.0000000	-1.0000000
-1.0000000	-1.0000000	-1.0000000
-1.0000000	-1.0000000	-1.0000000
-1.0000000	-1.0000000	-1.0000000

And the question... how can I remove the '-1' and to get 3 diferent vector [3,4] [6,7,8] and [9,10] ???

thank you !
