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Subject: Manipulation of array

Posted by [d.poreh](#) on Tue, 20 Oct 2015 17:12:21 GMT

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Folks,

Hi,

I have an array like this:

.....

```
1.4230952e+01  4.1166347e+01  1.2507140e+00
1.4227723e+01  4.1166677e+01  1.1362271e+00
1.4237998e+01  4.1164458e+01  6.1420846e-01
1.4243945e+01  4.1163519e+01  9.6166451e-01
1.4240970e+01  4.1163741e+01  5.1939466e-01
1.4222639e+01  4.1165726e+01  9.7572900e-01
1.4234044e+01  4.1163449e+01  1.7582878e+00
1.4223516e+01  4.1164088e+01  9.9535919e-01
1.4232525e+01  4.1162614e+01  9.5377207e-01
1.4236729e+01  4.1161653e+01  6.0755449e-01
```

.....

and i want to select the lines with this attribute (n is the matrix's name):

```
idx=where(n[2,*] ge -10 and n[2,*] le 10, count)
```

that says select the lines that third column are between -10 and 10.

At the end

```
m=reform(n(idx),3, 28548)
```

BUT it is not working for me and the final array is like this:

```
14.2361  41.1661  0.928023
14.2310  41.1663  1.25071
14.2277  41.1667  1.13623
14.2380  41.1645  0.614208
14.2439  41.1635  0.961664
14.2410  41.1637  0.519395
14.2226  14.2235  0.607554
14.2266  41.1617  -26.9755
41.1580  -15.8549  14.3032
-5.20631  14.3030  41.1567
29.9021  41.1564  41.1564
14.3038  14.3019  41.1563
41.1564  41.1584  14.2994
41.1584  14.2988  14.3000
41.1579  14.2980  41.1580
-35.7340  14.2972  41.1575
```

.....

As you can see the data is mixed somehow>

Can someone pls give me some hand:)

Thanks in advance,

Cheers,

Dave

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