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Subject: A little help

Posted by [Konstantinos](#) on Thu, 10 May 2012 09:00:49 GMT

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Dear All,

Lets suppose that i have the folowing matrix lets call it A (14 columns

16 rows) with elements as follows

```
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 1 1 1 0 0 0 0 0 0 0 0 2 2 2 2
1 1 1 1 0 0 0 0 0 0 0 0 2 2 2 2
1 1 1 1 0 0 0 0 0 0 0 0 2 2 2 2
1 1 1 1 0 0 0 0 0 0 0 0 2 2 2 2
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
5 5 0 0 7 7 0 0 0 0 0 0 0 0 0 0
5 5 0 0 7 7 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 3 3 3 3
0 0 0 0 0 0 0 0 0 0 0 0 3 3 3 3
6 6 0 0 8 8 0 0 0 0 0 0 3 3 3 3
6 6 0 0 8 8 0 0 0 0 0 0 3 3 3 3
```

What i want to do is to make a matrix B (8 columns 8 rows) such as

```
1 1 1 1 2 2 2 2
1 1 1 1 2 2 2 2
1 1 1 1 2 2 2 2
1 1 1 1 2 2 2 2
5 5 7 7 3 3 3 3
5 5 7 7 3 3 3 3
5 5 8 8 3 3 3 3
5 5 8 8 3 3 3 3
```

I cant think of anything

I ll appreciate any help

Thank u in advance

Kostas

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Subject: Re: A little help

Posted by [greg.addr](#) on Thu, 10 May 2012 13:48:21 GMT

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On Thursday, May 10, 2012 3:08:22 PM UTC+2, nata wrote:

> ok ok . let's try this:

>

> B=INTARR(8,8)

```
> sz=SIZE(A,/DIM)
> count=0
> FOR i=0, sz[1]-1 DO BEGIN
>   curr_A=A[:,i]
>   ww=WHERE(curr_A NE 0,nn_w)
>   IF nn_w NE 0 THEN BEGIN
>     B[:,count]=curr_A[ww]
>     count++
>   ENDIF
> ENDFOR
```

hmm... that fails on the row where you meet the 5s and 7s - your WHERE would need to find all 8 members for that row. Need to shift up those 3s...

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Subject: Re: A little help

Posted by [Konstantinos](#) on Thu, 10 May 2012 14:08:38 GMT

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Thank all of U for your help..

Any other ideas??

Thank u.

An believe me this is not a puzzle , not a game

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Subject: Re: A little help

Posted by [greg.addr](#) on Thu, 10 May 2012 14:27:52 GMT

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> An believe me this is not a puzzle , not a game

Nothing wrong with games... so can you explain what is is you're trying to solve?

My problem is that this also seems to be a solution:

```
1111772222
1111772222
1111882222
1111882222
553333
553333
663333
663333
```

Is that allowed? If not, what's the rule that prevents it?

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Subject: Re: A little help

Posted by [Konstantinos](#) on Thu, 10 May 2012 21:46:49 GMT

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No i am afraid that is not allowed

I dont to solve something special. Just i have such arrays and i want  
to "compress" it the way i just explain

Thank U

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