

## conditional statement in one line for table columns

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Priyanka Gaikwad on 23 Jun 2017

Edited: Guillaume MVP on 23 Jun 2017

Accepted Answer: alice

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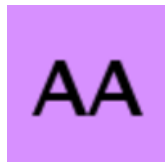
logic: if(p2>0) r4=q2/p2 else r4=2\*q2/p2 Question : how to convert this into r4={if p2>0?r4=q2/p2:r4=2\*q2/p2} in matlab? p2 and q2 are columns of table.

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## ✓ Accepted Answer



alice on 23 Jun 2017

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Have a look at the documentation, for example these: [find-array-elements-that-meet-a-condition](#) and [element-wise-multiplication](#).

In your case, you can do:

```
r4 = (p2>0).*(q2./p2) + (p2<=0).*(q2./p2)*2;
```

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Guillaume **MVP** on 23 Jun 2017

Edited: Guillaume **MVP** on 23 Jun 2017

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Or, rather than relying on semi-obscure mathematical expressions:



`r4 = q2 ./ p2;`

`r4(p2 > 0) = 2 * r4(p2 > 0);`

In my opinion, a lot clearer as to the intent.

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[intersectN2\(L1,L2\)](#) finds all N1x2 N2x2 common pairs as well as respective indices to common pairs.

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