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Subject: Matrix indexing question

Posted by [Matt Feinstein](#) on Fri, 02 Apr 2004 15:30:56 GMT

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If I set

```
x = [[1,2,3,4,5,6],[7,8,9,10,11,12]]
```

then (case A)

```
print, x[[3,4],[1,0]]
```

gives

```
10 5
```

which is slick, and is the kind of indexing I want. However, if (Case B) I set

```
y = [[3,4],[1,0]]
```

then

```
print, x[y]
```

gives

```
4 5
2 1
```

which, I guess, is also slick-- but is not what I want. Is there any way to set a variable 'y' that will give me the kind of indexing in Case A?

And, yes, I know that I can set

```
y = [9, 4]
```

and get the 'right' answer. Is this the only way?

Matt Feinstein

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There is no virtue in believing something that can be proved to be true.

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