
Subject: Adding or deduct values in a ARRAY
Posted by [Erik\[1\]](#) on Fri, 19 Jan 2007 13:08:03 GMT
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Hi Folks,

I have a (assumable) simple question. I have an array like this:

```
ARR1    FLOAT    = Array[3, 4]
  93.0000   118.000   0.000000
  93.0000   73.0000   0.000000
 151.0000   73.0000   0.000000
 151.0000   118.000   0.000000
```

The array contain's four [x,y,z] coordinates. Now I want all the X coordinates lowered by 10. The result should be:

```
ARR1    FLOAT    = Array[3, 4]
  83.0000   118.000   0.000000
  83.0000   73.0000   0.000000
 141.0000   73.0000   0.000000
 141.0000   118.000   0.000000
```

I've tried `ARR1-10` but then all the values are deducted by 10.
When I try `ARR1[*,*,*] - 10`, then I've get an array with all the X/Y/Z values lowered.
When I try `ARR1[* ,0,0] - 10`, then I've get an array with with only 3 dimensions `float[3]`

How can I select a specific dimension to edit so I can get the result which is described above.

Thanks in advance!!

Erik
