

2-D Arrays

```
int a[3][4];  
for(i = 0; i < 3; i++)  
  for(j = 0; j < 4; j++)  
    a[i][j] = 0;
```

	0	1	2	3
0				
1				
2				

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Rowwise Operations

```
int a[3][4];  
for(i = 0; i < 3; i++)  
  for(j = 0; j < 4; j++)  
    cin >> a[i][j];
```

	0	1	2	3
0				
1				
2				

Note that rowwise input/output is the "natural" way to do it!

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Columnwise Operations

```
int a[3][4];  
for(j = 0; j < 4; j++)  
  for(i = 0; i < 3; i++)  
    cin >> a[i][j];
```

	0	1	2	3
0				
1				
2				

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