Practice with two-dimensional arrays
All examples are available in my public directory.

① array1.cpp   (static 2d array)

```
int array2d [3][4];
for (int i=0; i<3; i++) {
    for (int j=0; j<4; j++) {
        array[i][j] = i*j;
    }
}
```

array2d [0] ⬚→ | 0,0 | 0,1 | 0,2 | 0,3 |
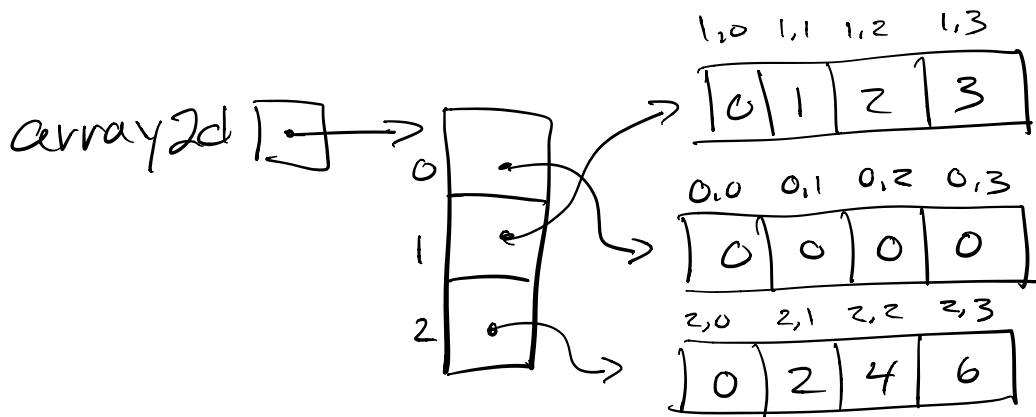 | 0 | 0 | 0 | 0 |

array2d [1] ⬚→ | 1,0 | 1,1 | 1,2 | 1,3 |
                  | 0 | 1 | 2 | 3 |

array2d [2] ⬚→ | 2,0 | 2,1 | 2,2 | 2,3 |
                  | 0 | 2 | 4 | 6 |

② array2.cpp (Dynamic 2d array)

```
int** array2d;
array2d = new int*[3];
for (int i=0; i<3; i++) {
    array2d[i] = new int[4];
    for (int j=0; j<4; j++) {
        array2d[i] = i*j;
    }
}
```

array2d

	1,0	1,1	1,2	1,3
	0	1	2	3

	0,0	0,1	0,2	0,3
	0	0	0	0

	2,0	2,1	2,2	2,3
	0	2	4	6

③ array3.cpp (Dynamic array storing dynamic objects)

```
Person*** array2d;
array2d = new Person**[3];
for (int i=0; i<3; i++) {
    array2d[i] = new Person*[4];

    for (int j=0; j<3; j++) {
        array2d[i][j] = new Person(to_string(i),
                                   to_string(j));
    }
}
```