

memory

address:

The diagram shows a memory layout with two rows: 'address' and 'value'. The 'address' row contains indices from 0 to 14. The 'value' row contains values: 1 at address 0, 0 at address 1, 0 at address 5, 2 at address 6, 0 at address 7, and 0 at address 11. Blue circles highlight the values 0 at addresses 1, 5, 7, and 11. Blue horizontal lines connect these circles. Blue curved lines connect the circles to the 'address' row indices. A blue bracket underlines the entire 'value' row.

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	0				0	2	0				0			

```
#include <iostream>
```

```
using namespace std;
```

```
int main() {
```

```
    int a[2][3][2] = { {1}, {2} };
```

```
    return 0;
```

```
}
```