```cpp
/* The following code example is taken from the book
 * "The C++ Standard Library - A Tutorial and Reference, 2nd Edition"
 * by Nicolai M. Josuttis, Addison-Wesley, 2012
 *
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 */
#include <array>
#include <string>
#include <iostream>
using namespace std;

int main()
{
    // array container of 5 string elements:
    array<string,5> coll = { "hello", "world" };

    // print each element with its index on a line
    for (int i=0; i<coll.size(); ++i) {
        cout << i << ": " << coll[i] << endl;
    }
}
```