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| --- | --- |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 | // constructing arrays#include <iostream>#include <array>  // default initialization (non-local = static storage):  std::array<int,3> global; // zero-initialized: {0,0,0}  int main ()  {  // default initialization (local = automatic storage):  std::array<int,3> first; // uninitialized: {?,?,?}  // initializer-list initializations:  std::array<int,3> second = {10,20}; // initialized as: {10,20,0}  std::array<int,3> third = {1,2,3}; // initialized as: {1,2,3}  // copy initialization:  std::array<int,3> fourth = third; // copy: {1,2,3}  std::cout << "The contents of fourth are:";  for (auto x:fourth) std::cout << ' ' << x;  std::cout << '\n';  return 0;  } |

Declaring Array with #include <array>