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| **EX09-05.cpp:** *Array vs Pointer* |
| **Line#** | **Code** |
| 1234567891011121314151617181920212223242526272829303132333435 | #include <iostream>using namespace std;int main() { //const char s1[] = "Hello"; const char s1[] = { 'H','e','l','l','o', 0 }; const char\* s2 = "Hello"; cout << s1 << endl; cout << s2 << endl; cout << s1[1] << endl; cout << s2[1] << endl; cout << \*(s1 + 2) << endl; cout << \*(s2 + 2) << endl; //Question: s1 same as s2? Answer: No //cout << "sizeof(s1):" << sizeof(s1) << endl; //cout << "sizeof(s2):" << sizeof(s2) << endl; //s1 = "World"; s2 = "World"; char\* p = (char \*)&s1[1]; \*p = 'X'; cout << s1 << endl; //The following will crash! //p = (char\*)&s2[1]; //\*p = 'X'; //cout << s2 << endl; return 0;} |