|  |
| --- |
| **EX10-03.cpp:** *Mutable Vs Immutable Strings* |
| **Line#** | **Code** |
| 1234567891011121314151617181920212223242526272829303132 | #include <iostream>using namespace std;int main() { const char\* s1 = "abcdef";//Pointer Form // s1 = pointer to character. char s2[] = "abcdef";//Array Form //char s2[] = {'a','b','c','d','e','f', 0 }; //char s2[] = { 97,98,99,100,101,102, 0 }; cout << s1 << endl; cout << s2 << endl; cout << endl; cout << "Using Array Syntax:" << endl; cout << s1[2] << endl; cout << s2[2] << endl; cout << endl; cout << "Using Pointer Syntax:" << endl; cout << \*(s1 + 2) << endl; cout << \*(s2 + 2) << endl; //Question:Are they the same???? cout << "sizeof(s1) is " << sizeof(s1) << endl; cout << "sizeof(s2) is " << sizeof(s2) << endl; s1 = "ABC"; //s2 = "ABC";//This will fail as compile time error //\*s1 = 'X';//This will fail as runtime error \*s2 = 'X'; return 0;} |