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| **Ex09-08.cpp:** *Pointer to Complex Types* |
| **Line#** | **Code** |
| 123456789101112131415161718192021222324252627282930313233343536373839404142 | #include <iostream>using namespace std;#define NOI(\_arr) (sizeof(\_arr)/sizeof(\_arr[0]))#define showStudentInfo(\_arr) \_showStudentInfo(\_arr, NOI(\_arr))struct STUDENT { const char\* Name; //char Name[20+1]; unsigned char Age; float CGPA;};/\*void \_showStudentInfo(STUDENT\* ps, int noi) { for (int i = 0; i < noi; i++) { cout << "Age:" << (int)ps[i].Age << " CGPA:" << ps[i].CGPA << " Name:" << ps[i].Name << endl; } cout << endl;}\*/void \_showStudentInfo(STUDENT\* ps, int noi) { for (int i = 0; i < noi; i++) { cout << "Age:" << (int)ps->Age << " CGPA:" << ps->CGPA << " Name:" << ps->Name << endl; ps++; } cout << endl;}int main() { STUDENT students[] = { {"Yong Tau Foo", 18, 3.15F}, {"Low Shi Fun", 21, 3.35F}, {"Lee Chee kang",20, 2.15F}, {"Low Mai Kai", 22, 3.05F}, {"Low Mee", 19, 2.95F}, }; showStudentInfo(students); return 0;} |