|  |  |
| --- | --- |
| **Ex09-08.cpp:** *Pointer to Complex Types* | |
| **Line#** | **Code** |
| 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  26  27  28  29  30  31  32  33  34  35  36  37  38  39  40  41  42 | #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;  } |