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| **Ch12-02:** *Magic3x3* | |
| **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 | /\*  Your Challenge:  ===============  Create a C++ program that ask user to input data.  First, prompt to ask user how many items needed. Says n items  Next, based on the value n, create a array dynamically from  Heap to capture the each input in string.  Upon finish enter n items. Your program should show all those  items user entered.  \*/  #include <iostream>  using namespace std;  void SCopy(char\* to, const char\* from) {  while (\*from) \*to++ = \*from++;  \*to = 0;  }  int main(){  int n;  char s[256+1];  cout << "How many items?>>";  fgets(s, 256, stdin);  n = atol(s);  char\*\* items = new char\*[n];  for (int i = 0; i < n; i++) {  cout << "items[" << i << "]?>>";  fgets(s, 256, stdin);  int len = strlen(s);  items[i] = new char[len+1];  SCopy(items[i],s);  }  for (int i = 0; i < n; i++) {  cout << "items[" << i << "]\t:" << items[i];  }  for (int i = 0; i < n; i++) delete[] items[i];  delete[] items;  return 0;  } |