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| **Ch12-02:** *Magic3x3* |
| **Line#** | **Code** |
| 1234567891011121314151617181920212223242526272829303132333435363738394041 | /\*Your Challenge:===============Create a C++ program that ask user to input data.First, prompt to ask user how many items needed. Says n itemsNext, based on the value n, create a array dynamically fromHeap to capture the each input in string.Upon finish enter n items. Your program should show all thoseitems 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;} |