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| **Ex12-02.cpp:** *Resize Dynamic buffer with* ***realloc*** | |
| **Line#** | **Code** |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22 | #include <iostream>  using namespace std;  int main() {  int\* buffer = (int\*)malloc(5 \* sizeof(int));  int\* dummy = (int\*)malloc(2 \* sizeof(int));  if (buffer) {  for (int i = 0; i < 5; i++) buffer[i] = i + 1;  cout << buffer << endl;  cout << "3rd item is " << buffer[2] << endl;  int \*buffer2 = (int\*)realloc(buffer, 4 \* sizeof(int));  if (buffer2) {  buffer = buffer2;  cout << buffer << endl;  cout << "3rd item is " << buffer[2] << endl;  }  free(buffer);  }  delete[] dummy;  cout << "main() is ending..." << endl;  return 0;  } |