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1)
#include <queue>
#include <iostream>
using namespace std;
int size(queue<int> q) {
    //function returns size but does not modify
    //elements.
    return q.size();
}
int main() {
    queue<int> aQueue;
    int x = 0;
    cout << "Enter queue elements (int). Type -1 to quit\n";</pre>
    while (x != -1) {
        cin >> x;
        if(x != -1) {
            aQueue.push(x);
        }
    }
    int size() = a() = a();
    cout << sizeQ;</pre>
    return 0;
}
2)
#include <queue>
#include <iostream>
#include <string>
using namespace std;
queue<string> findLarger(queue<string> inputq, int max) {
      queue<string> q;
      while (!inputq.empty()) {
             string element = inputq.front();
             if (element.length() > max) {
                    q.push(element);
             }
             inputq.pop();
      return q;
}
int main() {
      const int max = 10;
      queue<string> aQueue;
      aQueue.push("short");
      aQueue.push("longstring1");
      aQueue.push("short2");
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aQueue.push("longstring2");
      queue<string> aCopy;
      aCopy = aQueue;
      //outputs queue
      cout << endl;</pre>
      while (!aCopy.empty()) {
             string el = aCopy.front();
             cout << aCopy.front() << " ";</pre>
             aCopy.pop();
      }
      cout << endl;</pre>
      //modifies queue by implementing findLArger
      aQueue = findLarger(aQueue, max);
      //Ouputs new queue
      queue<string> anotherCopy;
      anotherCopy = aQueue;
      while (!anotherCopy.empty()) {
             string el = anotherCopy.front();
             cout << anotherCopy.front() << " ";</pre>
             anotherCopy.pop();
      }
      return 0;
}
3)
#include <iostream>
#include <string>
#include <stack>
using namespace std;
stack<string> reverse(string str) {
      stack<string> aStack;
      //stack<string> bStack;
      string word;
      //string sentence;
      bool start = false;
      bool end = false;
      for (int i = 0; i < str.size(); i++) {</pre>
             if (str.at(i) != '.'&& str.at(i) != ' ') {
                    word.push_back(str.at(i));
             else if (str.at(i) == ' ') {
                    aStack.push(word);
                    word.clear();
             if (isupper(str.at(i))) {
                    str.at(i) = tolower(str.at(i));
                    start = true;
             if (str.at(i) == '.') {
                    end = true;
```