(**) wouldn't compile as-is → extra '}'
⇒ compiled ok on fixing → ⇒ gogo test → seg. fault

(**) not monospaced font

15/50 (partial credit)

Shackelford_Jade

```
#ifndef LLCP_INT_H
#define LLCP_INT_H

#include <iostream>

struct Node
{
  int data;
  Node *link;
};

int   FindListLength(Node* headPtr);
bool  IsSortedUp(Node* headPtr);
void  InsertAsHead(Node*& headPtr, int value);
void  InsertAsTail(Node*& headPtr, int value);
void  InsertSortedUp(Node*& headPtr, int value);
bool  DelFirstTargetNode(Node*& headPtr, int target);
bool  DelNodeBefore1stMatch(Node*& headPtr, int target);
void  ShowAll(std::ostream& outs, Node* headPtr);
void  FindMinMax(Node* headPtr, int& minValue, int& maxValue);
double FindAverage(Node* headPtr);
void  ListClear(Node*& headPtr, int noMsg = 0);
void  FormUniquePairs(Node* headPtr);

#endif

#include <iostream>
#include <cstdlib>
#include "llcpInt.h"
using namespace std;

// definition of FormUniquePairs of Assignment 5 Part 1
// (put at near top to facilitate printing and grading)

void FormUniquePairs(Node* headPtr){
  Node *precursor = 0, *cursor = headPtr->link;
  bool unique = true;
  while (headPtr != 0){
    while (cursor != 0){
      if (headPtr->data == cursor->data) {
        if (unique) {
          precursor->link = cursor->link;
          cursor->link = headPtr->link;
          headPtr->link = cursor;
          headPtr = cursor;
          unique = false;
        }
```

```
            else {
            precursor->link = cursor->link;
            delete cursor;
            cursor = precursor;
            }
          }
          precursor = cursor;
          cursor = cursor->link;
        }
      }
      if (unique) {
        Node * newPtr = new Node;
        newPtr->data = headPtr->data;
        newPtr->link = headPtr->link;
        headPtr->link = newPtr;
        headPtr = headPtr->link;
      }
      headPtr = headPtr->link;
      cursor = headPtr->link;
      unique = true;
    }
  }
```

compilation error