

**(C++) Node and ListType used in Problems 2 and 3:**

```
struct Node {
    int data;
    Node * next;
    Node() { data = 0; next = NULL; }
    Node(int d) { data = d; next = NULL; }
    Node(int d, Node * n) { data = d; next = n; }
};

typedef Node * ListType;
```

**Reminder of C++ class definition and method definition syntax (for Problem 2)**

```
class Student {
public:
    Student(string name);
    Student();
    string getName() const;
    int getTotalScore() const;
    void addQuiz(int score);
private:
    string theName;
    int totalScore;
};

Student::Student(string name) {
    theName = name;
    totalScore = 0;
}

Student::Student() {
    theName = "";
    totalScore = 0;
}

string Student::getName() const {
    return theName;
}

int Student::getTotalScore() const {
    return totalScore;
}

void Student::addQuiz(int score) {
    totalScore += score;
}
```