

1. Given the unsorted List class discussed in class, what could go wrong with the following code segment, and how would you correct it? (write correction to the right of the corresponding statements)

```
int  value;
List inVals;
for (int count = 1; count <=150; count ++ ) {
    cin>>value;
    inVals.Insert(value);
}
```

2. We would like to add a ***Replace*** function to the unsorted List class. The function takes two parameters, ***oldItem*** and ***newItem*** of ***ItemType***. The function finds ***oldItem*** in the list, deletes it, and inserts ***newItem*** in its place. The list is unchanged if ***oldItem*** is not present in the list. Show C++ code needed to add to the list.h file and list.cpp file for this new member function.