Download and Extract

An initial setup of files is provided to you via a shell script: Download potd-q19

Using a terminal, extract the initial files by running the shell script you just downloaded (you will need to navigate to the directory where you saved the file):

```
sh potd-q19.sh
```

Your files for this problem will be in the `potd-q19` directory.

The Problem

Complete the `listUnion` and `insertSorted` function. `listUnion` accepts two `Node *` (the heads of two linked lists) and returns a `Node *` that points to the head of a new linked list. This function must create a new list (containing new nodes, allocated on the heap) that contains the set union of the values in both lists. `insertSorted` creates a new node and add it to the list, while keeping the list sorted.

For example:

```
List 1: 0 1 2
List 2: 2 3 4
Union: 0 1 2 3 4

List 1: 0 2 2 2
List 2: 0 0 0 4
Union: 0 2 4
```

The order of nodes in your new list does not matter, only that it is a proper union. A `main` function has been provided that exercises your `listUnion` function.

Upload Solution

Drop files here or click to upload.

Only the files listed below will be accepted—others will be ignored.

Files
◯ Node.cpp
not uploaded

Save & Grade   Save only

Question

Value: 1

History:

Awarded points: 0/1

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