

POTD22.1. Problem of the Day #22

## Download and Extract

An initial setup of files is provided to you via a shell script: [Download potd-q22](#)

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-q22.sh
```

Your files for this problem will be in the potd-q22 directory.

## The Problem

Complete the `listIntersection` function that 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 intersection of the values in both lists.

For example:

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

List 1: 0 2 2 2
List 2: 0 0 0 4
Intersection: 0
```

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

POTD 22

Total points:

0/1

Score:

0%

Question

Value:

1

History:

Awarded points:

0/1

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