POTD6.1. Problem of the Day #6

Download and Extract

An initial setup of files is provided to you via a shell script: Download potd-q6

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-q6.sh
```

Your files for this problem will be in the `potd-q6` directory.

The Problem

Write the function `raise` that accepts an array of integers as the input parameter.

- The input array will have exactly one negative value as the very last element of the array.
- The function should create an array on the heap that contains the values of the input array each raised to the power of the next input parameter, except the last two elements of the array which should remain the same as they are in the original array.

  (HINT: There is a library function that might help you with this)
- Return the starting address of this new array on the heap.

Sample Input and Output

Consider the array `[1, 2, 3, 4, -1]`:

- The first element in the output array contains `1` raised to the power `2`, which is `1`.
- The second element in the output array contains `2` raised to the power `3`, which is `8`.
- The third element in the output array contains `3` raised to the power `4`, which is `81`.
- The fourth and fifth elements are unchanged.
- The full return array is: `[1, 8, 81, 4, -1]`.

Upload Solution

Drop files here or click to upload.

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

Files

potd.cpp
not uploaded

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POTD 6

Total points: 0/1

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Question

Value: 1

History:

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