

ACM Spring 2022

CSIP 1



Introduction



January 2022 (final cost)

20.00 over budget

0.00

100

0

100

Project ID	Project number	Cost	Disburse	Priority
upgrades	43422925279	\$11.26	-60.01	
upgrades	202067605782	\$288.62	-60.08	

By hovering over graphing, the disburse is automatically expanded to show data from the selected final actual route (shown 02/11) to the end of the last selected capacity (02/11).

ACM







Welcome to Association for Computing Machinery @ UGA

TOP THINGS TO DO HERE

-  **Join us for interview prep!**
#csip >
-  **Receive notifications around the community**
#role-select >
-  **See what events are happening**
#shared-calendar >
-  **Look through our resources**
#general-resources >
-  **Introduce yourself**
#intros >

I'll just look around for now



Upcoming Events



10	11	12	13	14
Drop / Add Week				
First Day of Classes				
17	18	19	20	21
		<ul style="list-style-type: none"> 6pm ACM-W GBM 	<ul style="list-style-type: none"> 12:30pm HPCC Systems Inter 6pm ACM GBM 	
24	25	26	27	28
	<ul style="list-style-type: none"> 6pm ACM-CSIP 7pm ELS Engagement Fair 	<ul style="list-style-type: none"> 5pm SCS w/ KPMG 	<ul style="list-style-type: none"> 6pm ACM GBM 	
31	Feb 1	2	3	4
	<ul style="list-style-type: none"> 6pm ACM-CSIP 	<ul style="list-style-type: none"> 12pm UGA Spring Career and 	<ul style="list-style-type: none"> 4pm UGA Spring Engineering 6pm ACM GBM 	



UGA SPRING CAREER & INTERNSHIP FAIR

Where Talent and Opportunity Meet

Wednesday, February 2, 2022

12 pm - 5 pm

The Classic Center

This event is open to ALL UGA students and alumni!



Meet with recruiters seeking students to fill both internship and full-time opportunities. Please dress professionally, bring your UGA I.D., and copies of your resume.



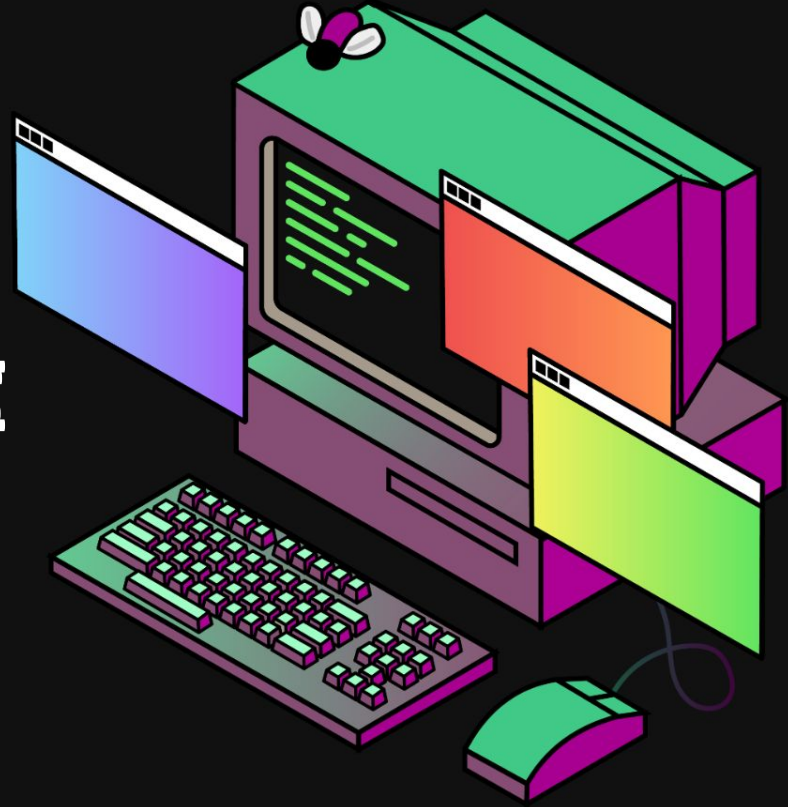
Free shuttles will run from campus to the Classic Center between 11:30 am and 5:00 pm. Bus stops include Memorial Hall, Bio-Chemistry, Physics, across from the Main Library, and the Classic Center.



MENTAL HEALTH RESOURCES

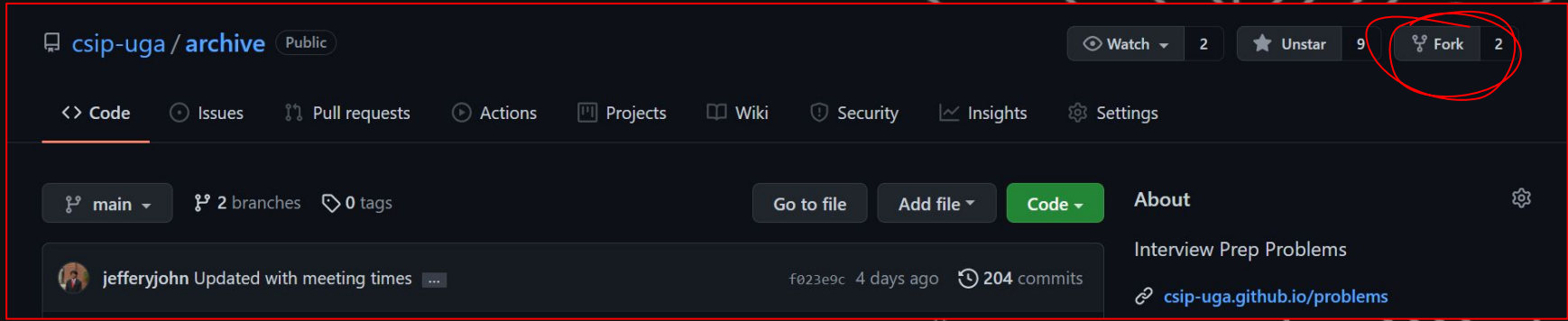


Submitting a PR



1. Navigate to the CSIP archive on Github.com

2. Fork the repository to make a copy of it.



3. On your fork, locate the folder you would like to add a file to.

4. Once in the folder, select add new file



5. Create and name the file

archive / ExampleFolder / David's_2SumSolution.java in main

Cancel changes

<> Edit new file

Preview

Spaces

2

No wrap

```
1 class Solution {
2     public int[] twoSum(int[] nums, int target) {
3         Map<Integer, Integer> map = new HashMap<Integer, Integer>();
4
5         for (int i = 0; i < nums.length; i++) {
6             int complement = target - nums[i];
7             if (map.containsKey(complement)) {
8                 return new int[]{map.get(complement), i};
9             }
10            map.put(nums[i], i);
11        }
12        return null;
13    }
14 }
```



6. Commit your file to a new branch, and start the pull request!

Commit new file

This is the name of the pull request

This is where you describe what your pull request does.



☐ Commit directly to the `main` branch.

☒ Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)

David-Gonzalez02-patch-1

Propose new file

Cancel



7. Officially create the pull request



The screenshot shows the GitHub pull request creation page. At the top, it displays the base branch as 'main' and the compare branch as 'David-Gonzalez02-patch-1'. A green checkmark indicates 'Able to merge. These branches can be automatically merged.' Below this, there is a profile picture of a person and a text input field for the pull request title, which currently contains 'This is the name of the pull request'. To the right of the title field are tabs for 'Write' and 'Preview', and a rich text editor toolbar with icons for bold, italic, link, and other formatting options. Below the title field is a large text area for the pull request description, which contains the placeholder text 'This is where you describe what your pull request does.' At the bottom of the description area, there is a note: 'Attach files by dragging & dropping, selecting or pasting them.' and a small icon for attaching files. A green 'Create pull request' button is located at the bottom right of the form.

base: main ← compare: David-Gonzalez02-patch-1 ✓ Able to merge. These branches can be automatically merged.

This is the name of the pull request

Write Preview

This is where you describe what your pull request does.

Attach files by dragging & dropping, selecting or pasting them.

Create pull request

8. Wait for the request to be approved and bask in your CSIP fame!



Future Sessions



January 2022



	MON 27	TUE 28	WED 29	THU 30	FRI 31
	3	4	5	6	7
	10	11	12	13	14
	17	18	19	20	21
	24	25	26	27	28



Practice



21. Merge Two Sorted Lists

Easy



10151



970



Add to List



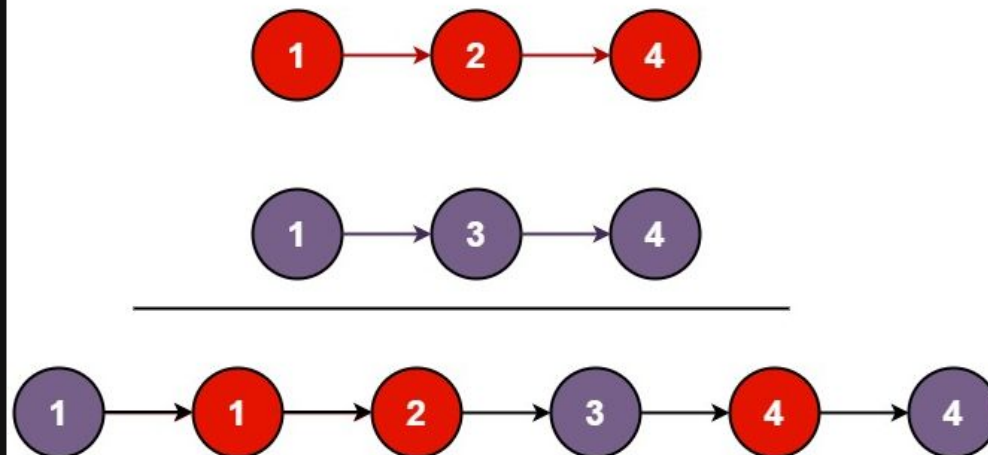
Share

You are given the heads of two sorted linked lists `list1` and `list2`.

Merge the two lists in a one **sorted** list. The list should be made by splicing together the nodes of the first two lists.

Return the head of the merged linked list.

Example 1:



Input: `list1 = [1,2,4]`, `list2 = [1,3,4]`

Output: `[1,1,2,3,4,4]`

Example 2:

Input: `list1 = []`, `list2 = []`

Output: `[]`



344. Reverse String

Easy

👍 3788

💬 883

♡ Add to List

🔗 Share

Write a function that reverses a string. The input string is given as an array of characters `s`.

You must do this by modifying the input array in-place with $O(1)$ extra memory.

Example 1:

Input: `s = ["h","e","l","l","o"]`

Output: `["o","l","l","e","h"]`

Example 2:

Input: `s = ["H","a","n","n","a","h"]`

Output: `["h","a","n","n","a","H"]`

Constraints:

- `1 <= s.length <= 105`
- `s[i]` is a printable ascii character.

Accepted 1,366,848

Submissions 1,862,252



Conclusion



→ Find us on:

- ◆ [CS GroupMe](#)
- ◆ [GitHub](#)
- ◆ [LinkedIn](#)
- ◆ [Instagram](#)
- ◆ [Discord](#)
- ◆ [Calendar](#)

→ Consider becoming a member!

