

Assessment 2

Python & ReactJS

Instructions :

Create a new folder for this assessment and write your react app and python code inside of it. Avoid coping code as this assessment of your knowledge and not a race. If you get stuck somewhere take help by googling your error and trying to resolve it by yourself, in case of situation where nothing is helping out check your spellings of variable names and even after that it is not resolved then. Ask me in the meet and drop me a message on slack.

Python

Problem 1

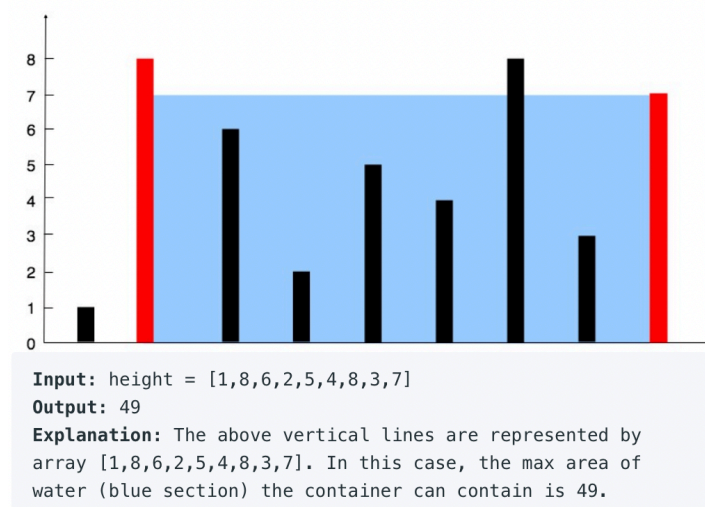
You are given an integer array height of length n. There are n vertical lines drawn such that the two endpoints of the ith line are (i, 0) and (i, height[i]).

Find two lines that together with the x-axis form a container, such that the container contains the most water.

Return the maximum amount of water a container can store.

Notice that you may not slant the container.

Example 1:



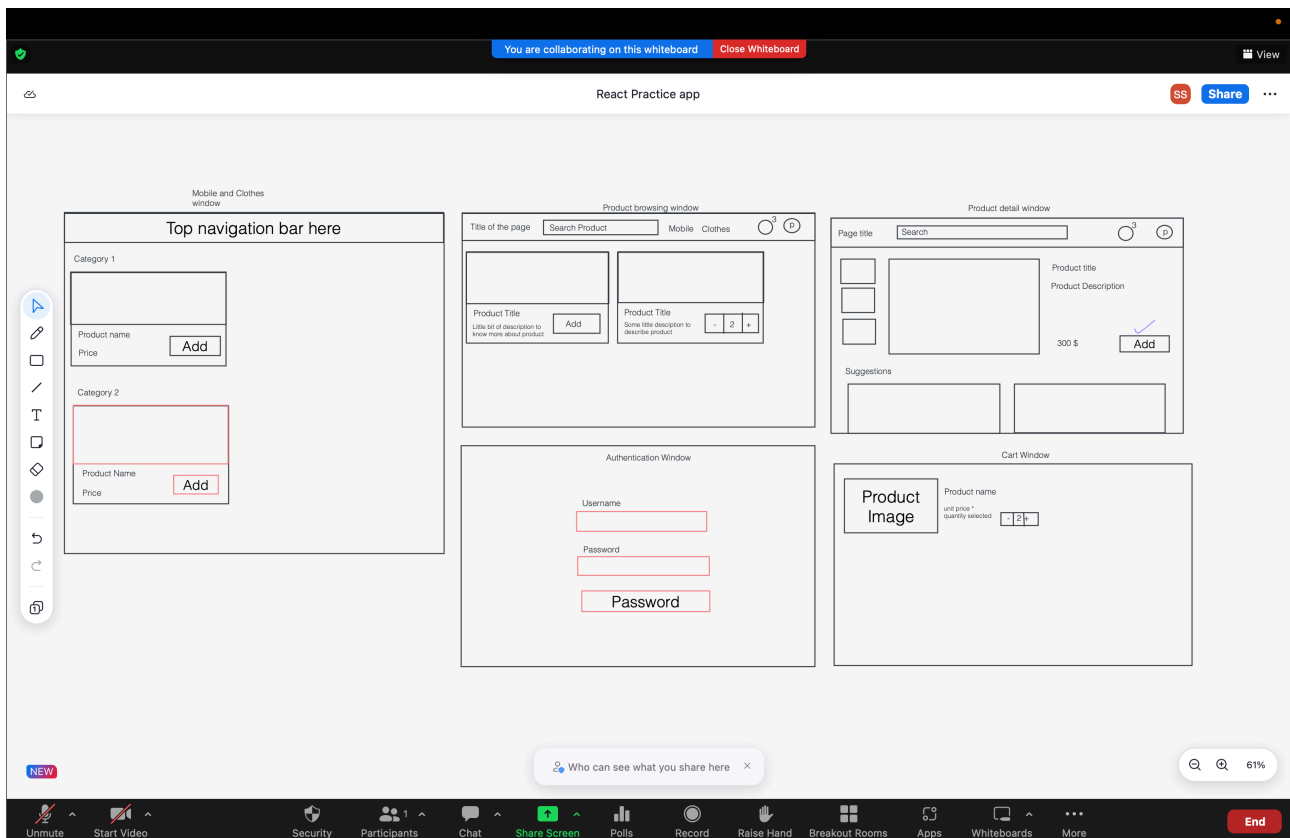
React Application

The following screen will be shared during the assessment to review the design.

1st screen will be the Authentication Screen which will consist of two input fields consisting of username and password.

2nd Screen After entering specific values only user can enter the main screen that is browsing window. where they can see the products which they can add product to cart, where in you also have to show the number of items added to the cart. Which should change upon adding and removing the product.

3rd screen : Detail screen this screen is reached upon clicking the name of any product on the **2nd screen** after which you have to show the images for that product and separate details and prices for that individual product. User can still add or subtract product from this screen.



Upon clicking on cart user should be navigated to cart screen where they can view all the items they have added with the number of items added for each added item.

Upon clicking on purchase in cart window it should show a alert message that items are purchased.

4th and 5th screens : theses two screens are basically mobile and clothes based screens where you have to show horizontally scrolling products which can be scrolled and added to the cart.

All the screens except 4 and 5 are mandatory so read the instructions carefully before starting. Refer to the design shared in the screenshot and the screen shared in the duration of the assessment.