

Obsuran NSP しレ TSD Proxy Facad

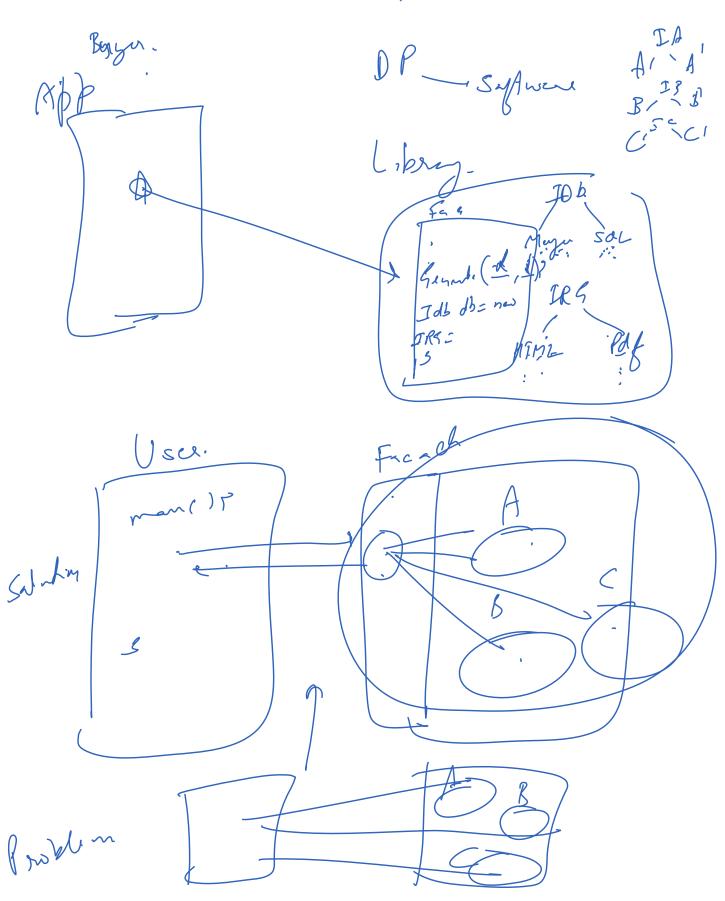
Proz y Facach = Doar facach

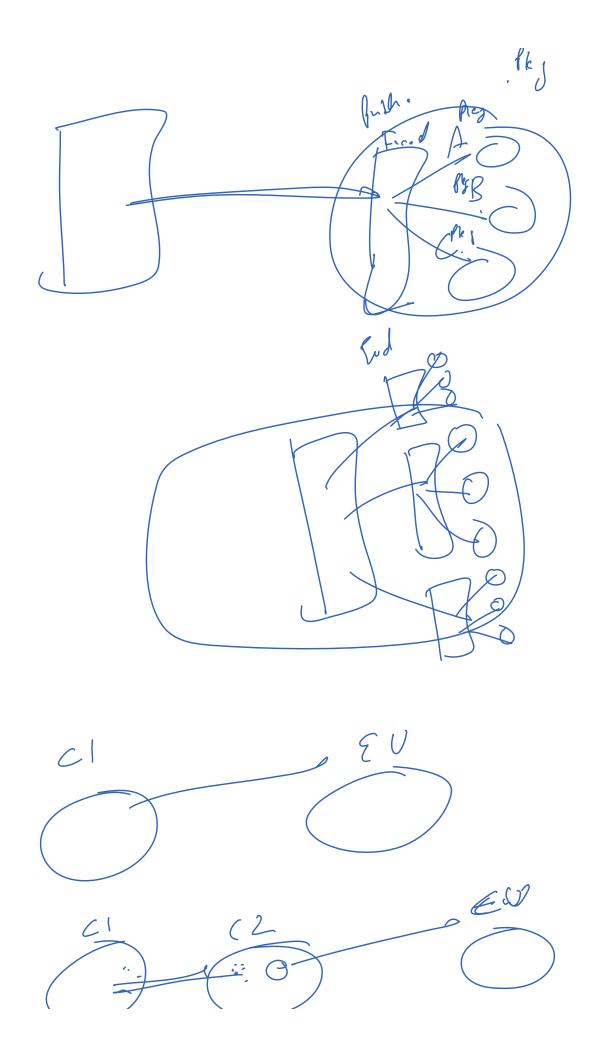
Proxy

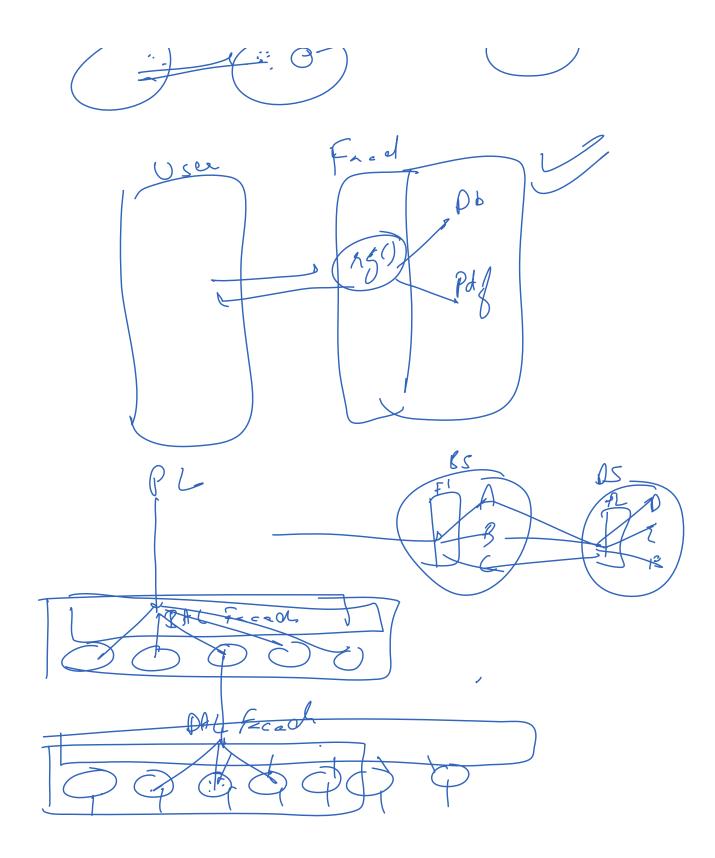
Class

RC

Freshe Facech W2() doses to mode the cally them Facaly (God Object) nerle ()







9:12-9:20 Try

946. Validate Stack Sequences

Medium ⚠ 3755 ♀ 64 ♡ Add to List ☐ Share

Given two integer arrays pushed and popped each with distinct values, return true if this could have been the result of a sequence of push and pop operations on an initially empty stack, or false otherwise.

Example 1:

```
Input: pushed = [1,2,3,4,5], popped = [4,5,3,2,1]
Output: true
Explanation: We might do the following sequence:
push(1), push(2), push(3), push(4),
pop() -> 4,
push(5),
pop() -> 5, pop() -> 3, pop() -> 2, pop() -> 1
```

Example 2:

```
while(i < pushed.length){
    st.push(pushed[i]);
    i++;

while(st.size() > 0 && j < popped.length && st.peek() == popped[j]){
    st.pop();
    j++;
}

return j == popped.length;</pre>
```



a-3/4 b-1×3/5 c-1734 d-17-34

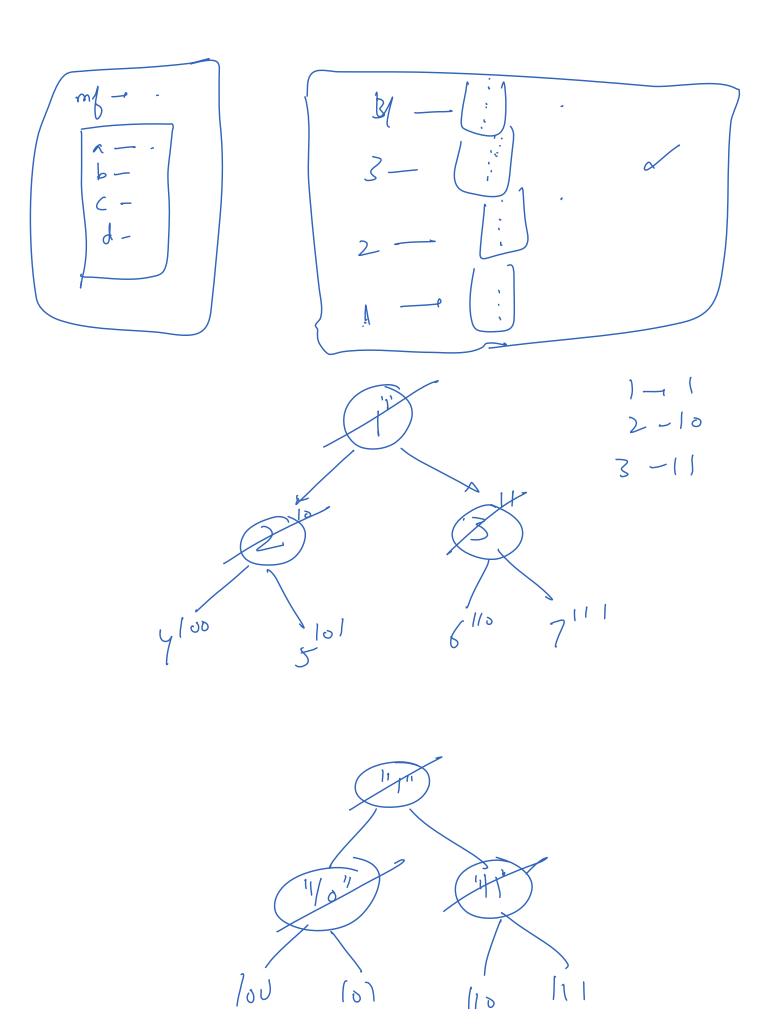
895. Maximum Frequency Stack

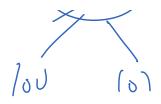
Design a stack-like data structure to push elements to the stack and pop the most frequent element from the stack.

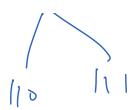
Implement the FreqStack class:

- FreqStack() constructs an empty frequency stack.
- void push(int val) pushes an integer val onto the top of the stack.
- int pop() removes and returns the most frequent element in the stack.
 - If there is a tie for the most frequent element, the element closest to the stack's top is removed and returned.

abaaccdbddabbc







Generate Binary Numbers \square

ŵ

Basic

Accuracy: **58.36%**

Submissions: 22695

Points: 1

Given a number ${\bf N}$. The task is to generate and print all **binary numbers** with decimal values from ${\bf 1}$ to ${\bf N}$.

Example 1:

Input:

N = 2

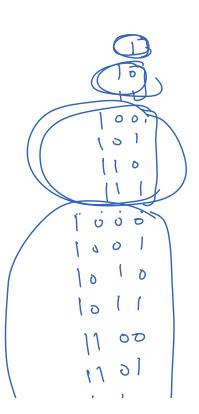
Output:

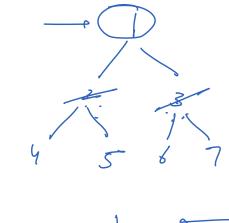
1 10

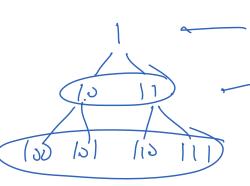
Explanation:

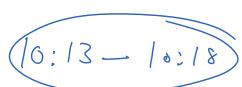
Binary numbers from

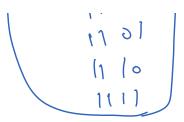
1 to 2 are 1 and 10.











40 17

312. Burst Balloons



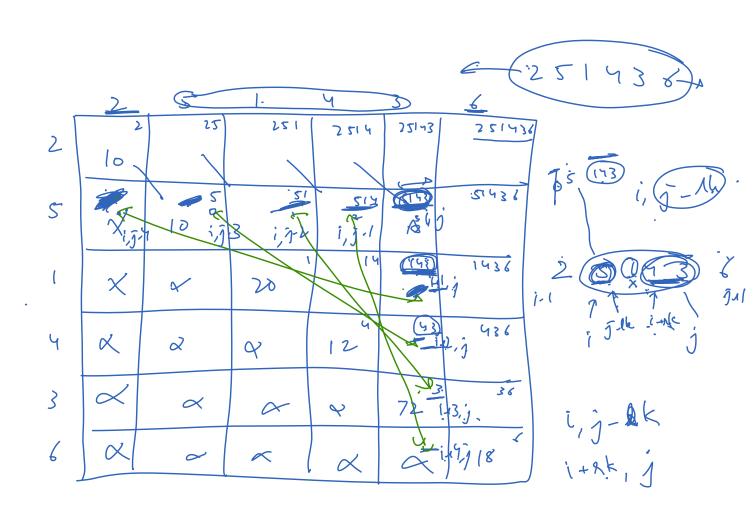
Hard ⚠ 6761 **ॎ** 172 **○** Add to List **☐** Share

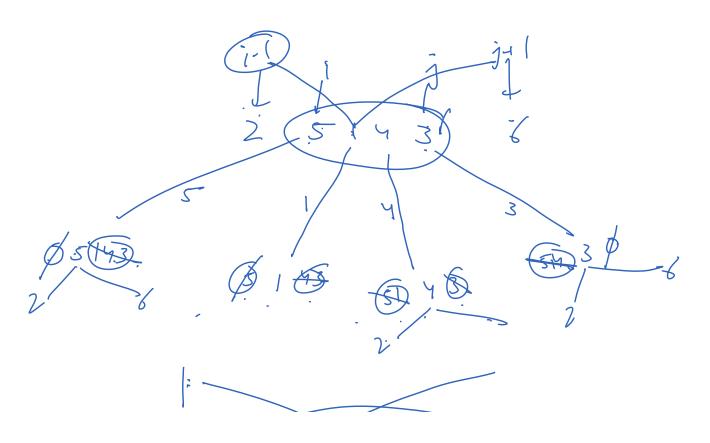
You are given $\, n \,$ balloons, indexed from 0 to $\, n \,$ - 1 . Each balloon is painted with a number on it represented by an array $\, nums$. You are asked to burst all the balloons.

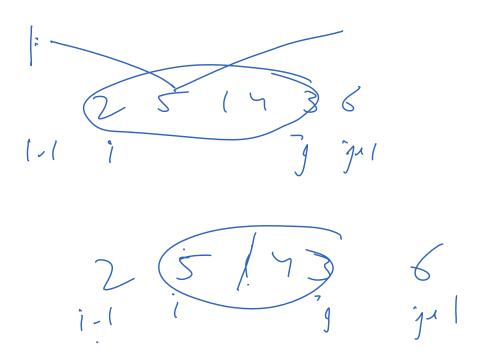
If you burst the i^{th} balloon, you will get nums[i - 1] * nums[i] * nums[i + 1] coins. If i - 1 or i + 1 goes out of bounds of the array, then treat it as if there is a balloon with a 1 painted on it.

Return the maximum coins you can collect by bursting the balloons wisely.

Example 1:







You have a convex n -sided polygon where each vertex has an integer value. You are given an integer array

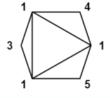
You will **triangulate** the polygon into n-2 triangles. For each triangle, the value of that triangle is the product of the values of its vertices, and the total score of the triangulation is the sum of these values over all n-2 triangles in the triangulation.

Return the smallest possible total score that you can achieve with some triangulation of the polygon.

11:16-11:26

Example 3:

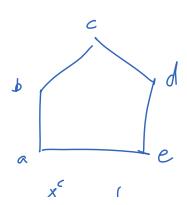
values where values[i] is the value of the ith vertex (i.e., clockwise order).



Input: values = [1,3,1,4,1,5]

Output: 13

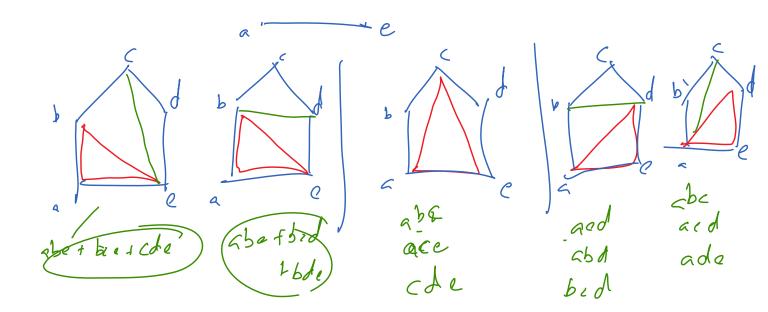
Explanation: The minimum score triangulation has score 1*1*3 + 1*1*4 + 1*1*5 + 1*1*1 = 13.

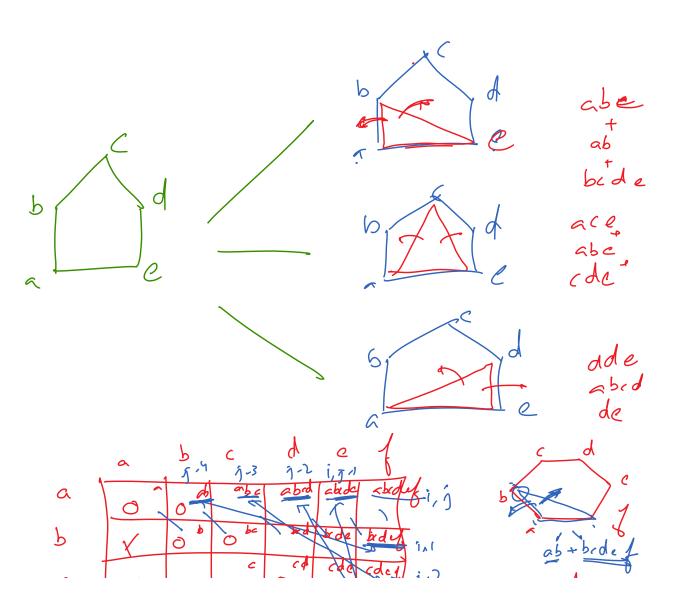


<

Cx

<u>~</u>





New Section 1 Page 15

