**Frontend Task**

**UI-Task**

1. Screenshots attached for reference in zip file. Using this application the user must be able to add as many pictures to the page as he wants by clicking on the “+” button. You can make use of the session storage or local storage of the browser. The pictures could be uploaded from entering a URL of the picture. After the picture is uploaded a preview of the picture should be visible on the UI as a list of pictures.

Zip url: <https://drive.google.com/file/d/0BxKELq3bK7_7SE5TX005eWJmRFVMbG9xT2NJVlpvNEI5OEx3/view?usp=sharing>  
  
2. Each picture has text associated with it describing the picture which can be used for searching the picture by typing search queries in the search text field, the filtering has to be live i.e. on text input. The user can also delete pictures from the collection if he wants to. You are free to use any frontend framework, but if you know React it is recommended.

**Coding-Exercise**

**Problem 1:**  
Everyone loves files! Don't you? That's why we need you to do some crazy stuff with files.  
You need to read from STDIN and write to STDOUT.  
The first line contains an integer (Ex: 2, 3 ..) telling you the value for no of file inputs you will be given. From the next line file input starts  
The next line of the input is a filename, A, followed by the file's contents. Three continuous newlines signify the end of a file, followed by second file B's name and contents.  
You need to read all the files, concatenate the contents of both files, remove any `$` characters and extra newlines(empty lines) present, and print the file with the name AB in camelCase.  
  
Note: All the files in a test case would be of same format. For example, dollar.txt , pound.txt, sterling.txt. The output file's name should be dollarPoundSterling.txt.  
  
// Sample Input:  
2  
foo.md  
da$$rk lord  
  
desm$ond is god  
  
  
  
bar.md  
family $$guy  
just do it$  
accounta$ble

// Sample Output:  
fooBar.md  
dark lord  
desmond is god  
family guy  
just do it  
accountable  
  
  
**Problem 2:**  
We want you to create a method XyloHack on String that takes an integer n as parameter. If n is an even number, it should return the string in uppercase. If n is odd, it should return the string in lowercase. Your script should read from the STDIN and write to the STDOUT. The first line of the input is an integer, N, which is followed by N lines, where each line is a string that should be evaluated.  
  
The output testcase contains N lines, where each line is the result of the respective evaluation in input.  
  
Sample Input:  
3  
'i love JavaScript'.XyloHack(67)  
'THE Cake is A LIE'.XyloHack(8)  
'iAmWobBly'.XyloHack(1)  
  
Sample Output:  
i love javascript  
THE CAKE IS A LIE  
Iamwobbly