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Microsoft Interview Experience for SDE-1 (Noida)

- Last Updated :\n28 Mar, 2022

I have around 3 years of experience working as an iOS developer. The interview was conducted as part of their hiring drive and all the interview rounds were online and were completed on a single day. The interviewers were very polite and helpful.

Round 1:\xc2\xa0

- Given the following array of strings. We need to remove the proper suffix.

Ex:

```
[abcdef,def,cd,cde, defg, ghi, asdfghi]
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In the above array, \xe2\x80\x98def\xe2\x80\x99 is the proper suffix of string \xe2\x80\x98abcdef\xe2\x80\x99. So we will not add \xe2\x80\x98def\xe2\x80\x99 in the output array.

\xc2\xa0 \xc2\xa0 Output: [abcdef,cd,cd, defrag, asdfghi]

- \xc2\xa0https://www.geeksforgeeks.org/next-greater-element-in-the-linked-list/

Round 2: Consider a scenario where a list of Analyzers with their dependencies is given. An Analyzer may have a dependency on another analyzer also. We need to design a system which can run all the Analyzers efficiently. [Hint: Topological Sort]

- \xc2\xa0https://www.geeksforgeeks.org/connect-nodes-at-same-level-with-o1-extra-space/

Round 3: Design a logging system that can log various kinds of events such as errors, events. etc.

Round 4: Design a contacts application in mobile where the user can search the required contact and their information (Design should be time and memory-efficient). [Hint: Try Data Structure]\xc2\xa0

All the very best folks. Keep Learning !!

My Personal Notes\n*arrow_drop_up*

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