## Microsoft Interview Experience for full time position of Software Engineer at Bangalore

Difficulty Level :\nMedium
Last Updated :\n04 Mar, 2020

My interview was scheduled by some consultancy.\xc2\xa0 I reached Microsoft Bangalore office 15 minute prior than scheduled time.

I couldn\xe2\x80\x99t clear interview but the question they asked i am mentioning here.

## Round 1:\xc2\xa0

- -> Design SmartPointer Class.
- -> Implement queue using two stacks.
- Sort a given array
- -> Depth of the Tree.

## Round 2:

- -> Given a binary 2D matrix; sort the martix row wise without converting binary value to decimal
- -> Given an unsorted array, find a element in the array which is binary searchable. (if binary search algorithm applied on unsorted array then that element should found.)

## Round 3:

-> Design MSPaint application.

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