# Microsoft Interview Experience | Set 166

• Difficulty Level :\nHard

• Last Updated :\n18 Dec, 2018

### Round 1:

- 1. Reverse bits of integer and give the resulting number.
- 2. a/b/../c/d/e/xe2x80xa6/f => a/c/fxc2xa0 => count of .xc2xa0 == n => go back (n-1) time (directory path given)
- 3. Nuts and bolts problem

## Round 2:

- 1. Binary search tree with parent pointer find two nodes with given sum.
- 2. Design phone contact book

## Round 3:

- 1. Design TCP
- 2. Search an element in sorted infinite array
- 3. K Painter problem

## **All Practice Problems for Microsoft!**

My Personal Notes\narrow\_drop\_up

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