

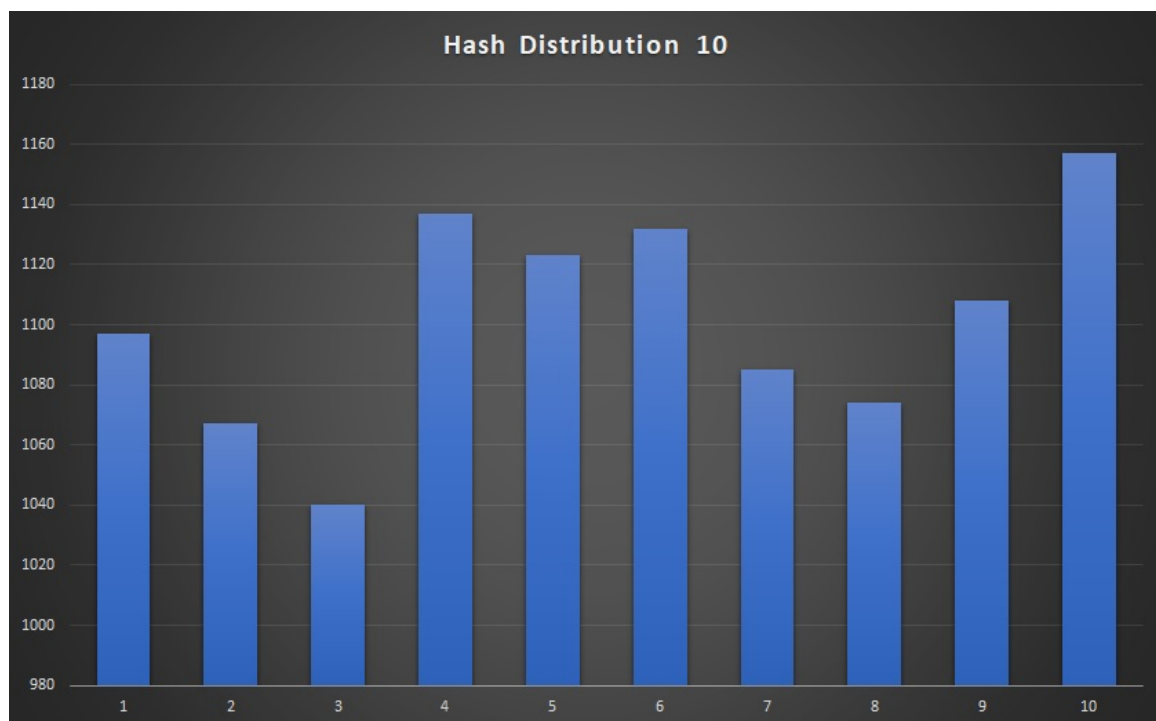
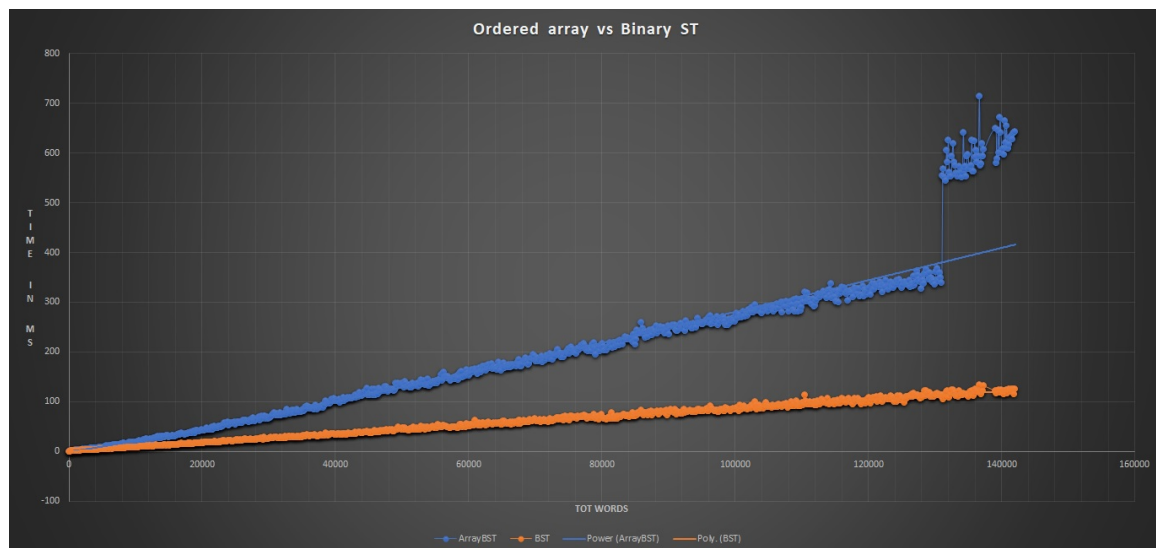
Algorithm and Data Structures - ID 1020  
TCOMK2 - Lab 3

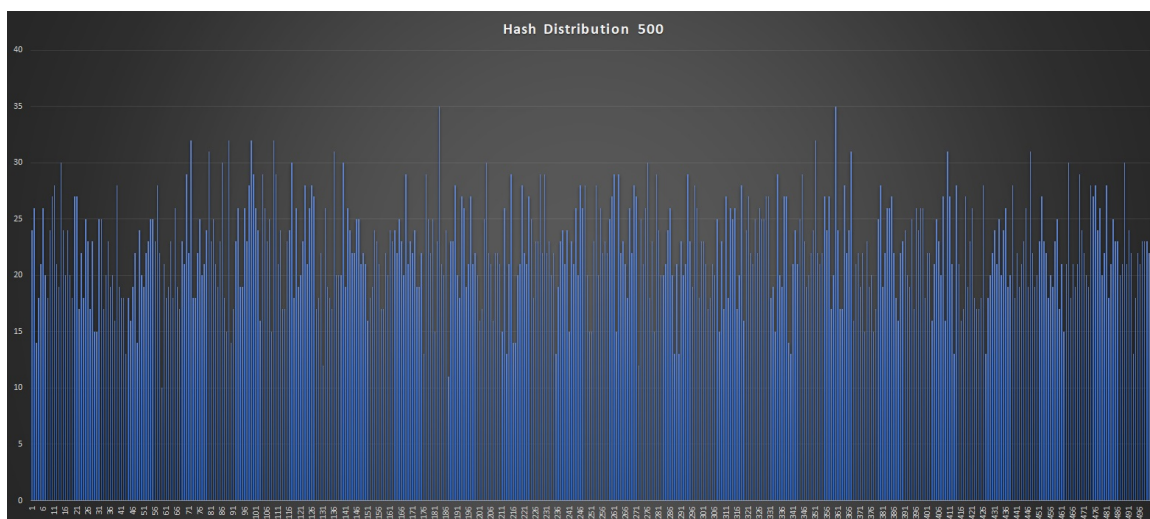
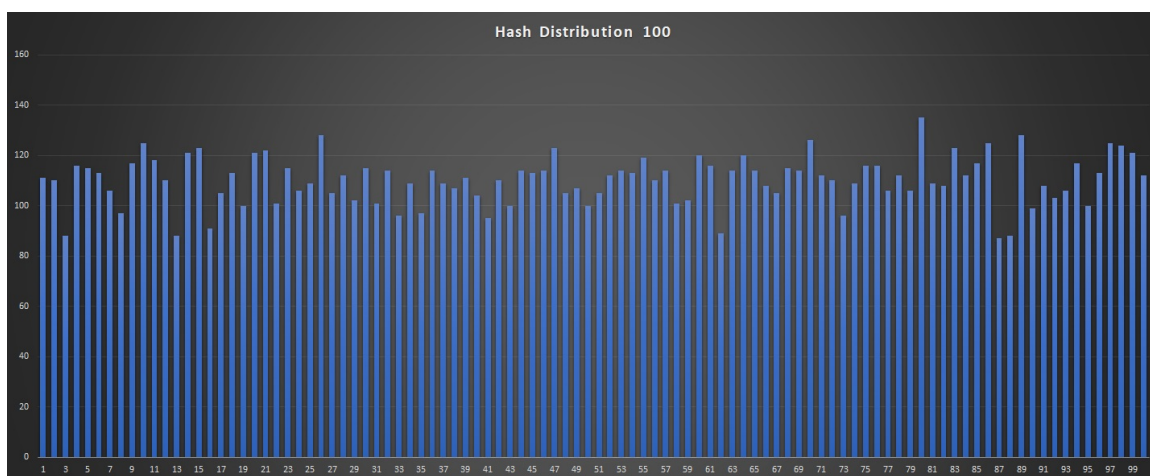
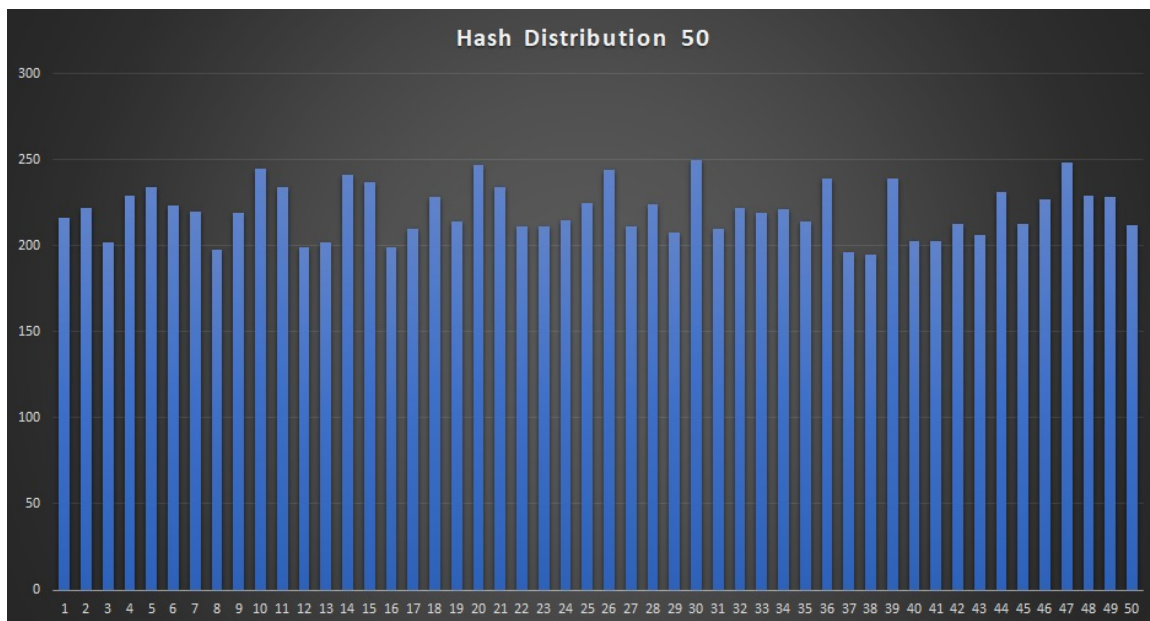
Leonardo Filippeschi

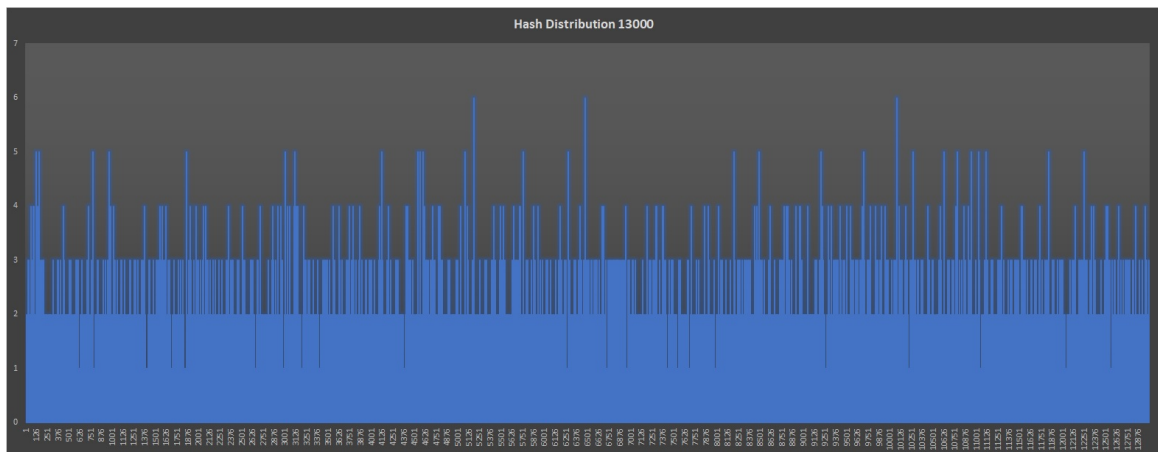
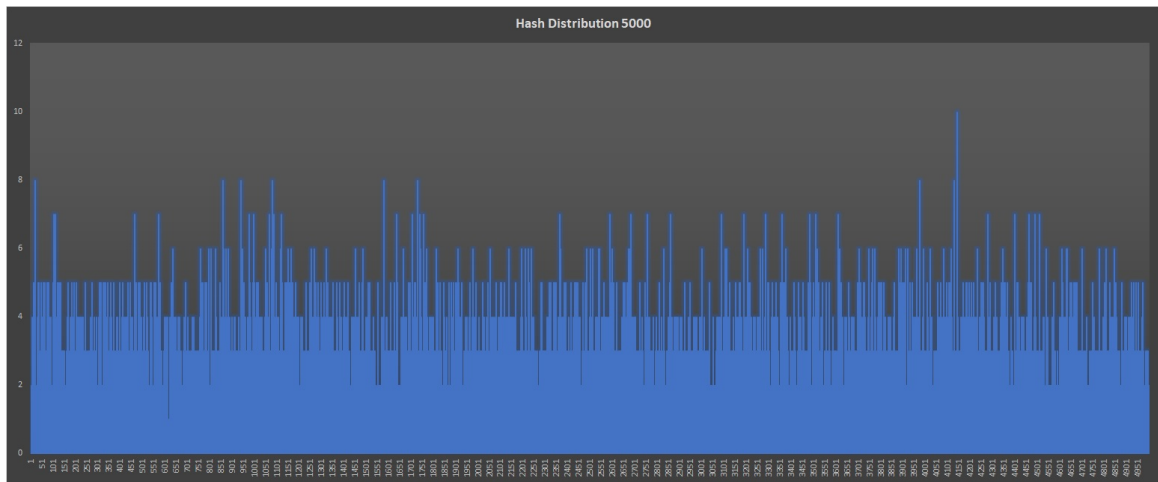
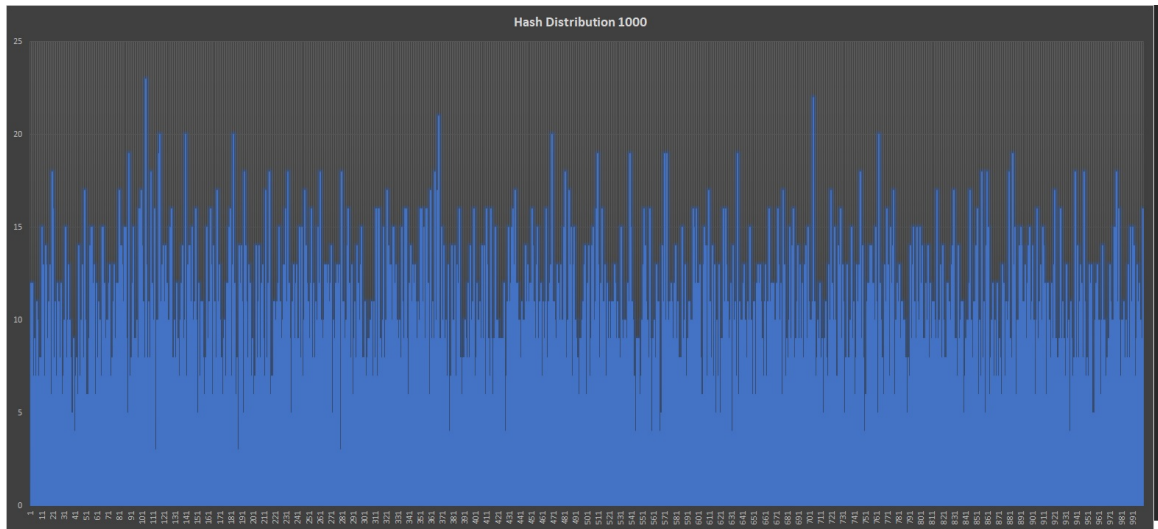
28 september 2020

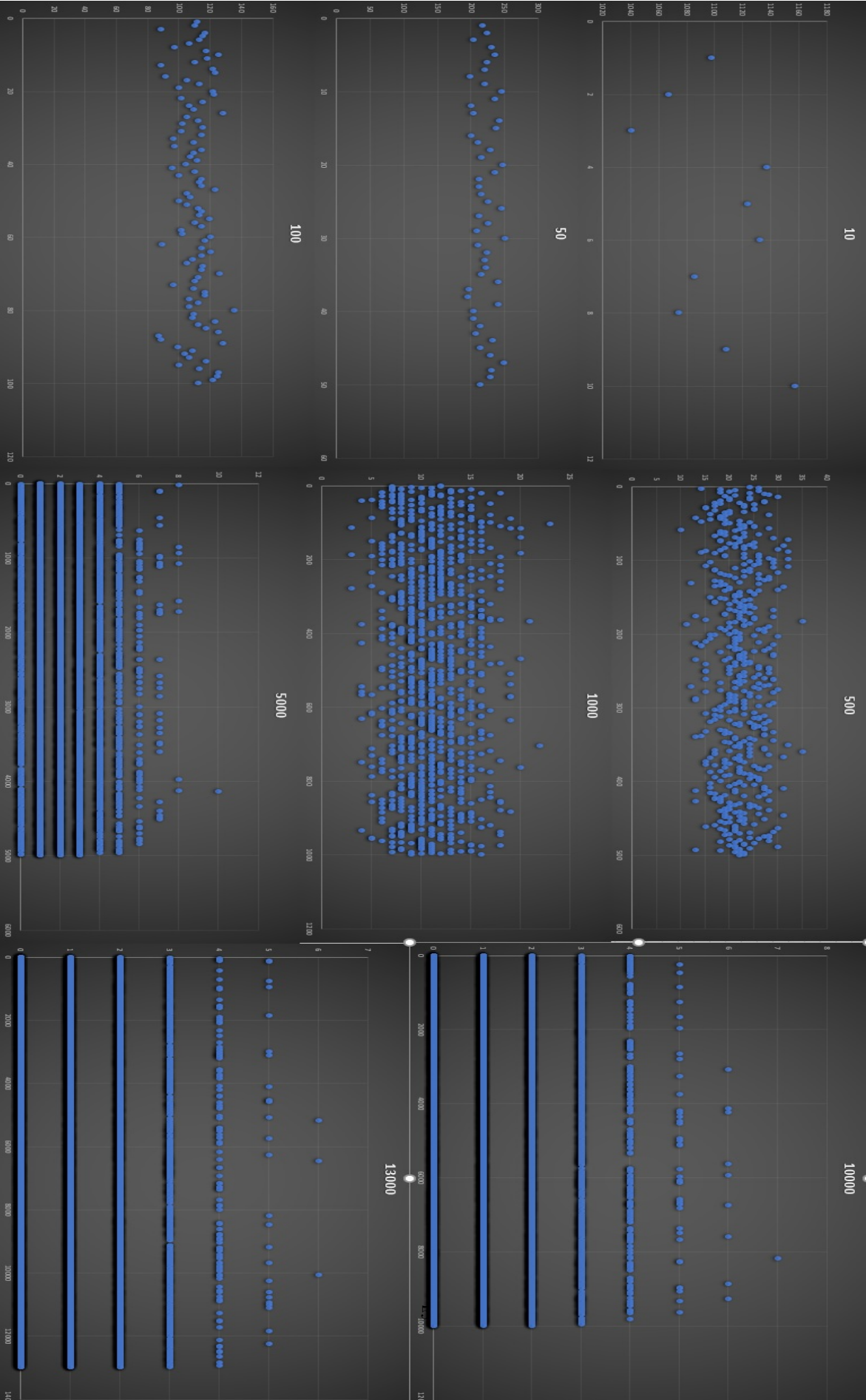


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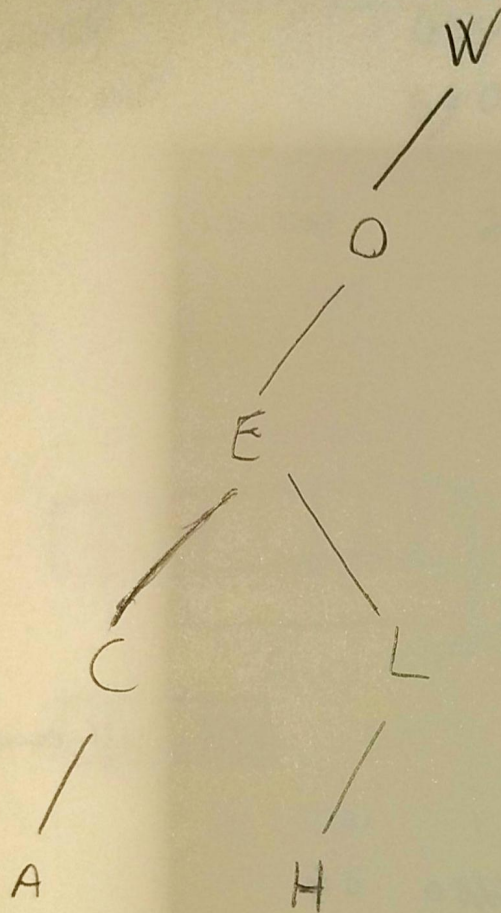








W O E C A L H



PRE ORDER : (ROOT, LEFT, RIGHT)  $\Rightarrow$  W O E C A L H  
IN ORDER : (LEFT, ROOT, RIGHT)  $\Rightarrow$  A C E H L O W  
POST ORDER : (LEFT, RIGHT, ROOT)  $\Rightarrow$  A C H L E O W

## Taboary 2

FREQUENCY COUNTER ARRAY:

INSERT  $\Rightarrow$  FIRST FIND SPOT  $\log(N)$

THEN INSERT • WORST CASE  $O(N^2)$

move the whole

array one spot

• BEST  $O(1)$

11 BST:

FIND SPOT  $\log(N)$

INSERT  $\log(N)$

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