Assignment on:

Maximum Subarray Problem

SWE 4809: Algorithm Engineering

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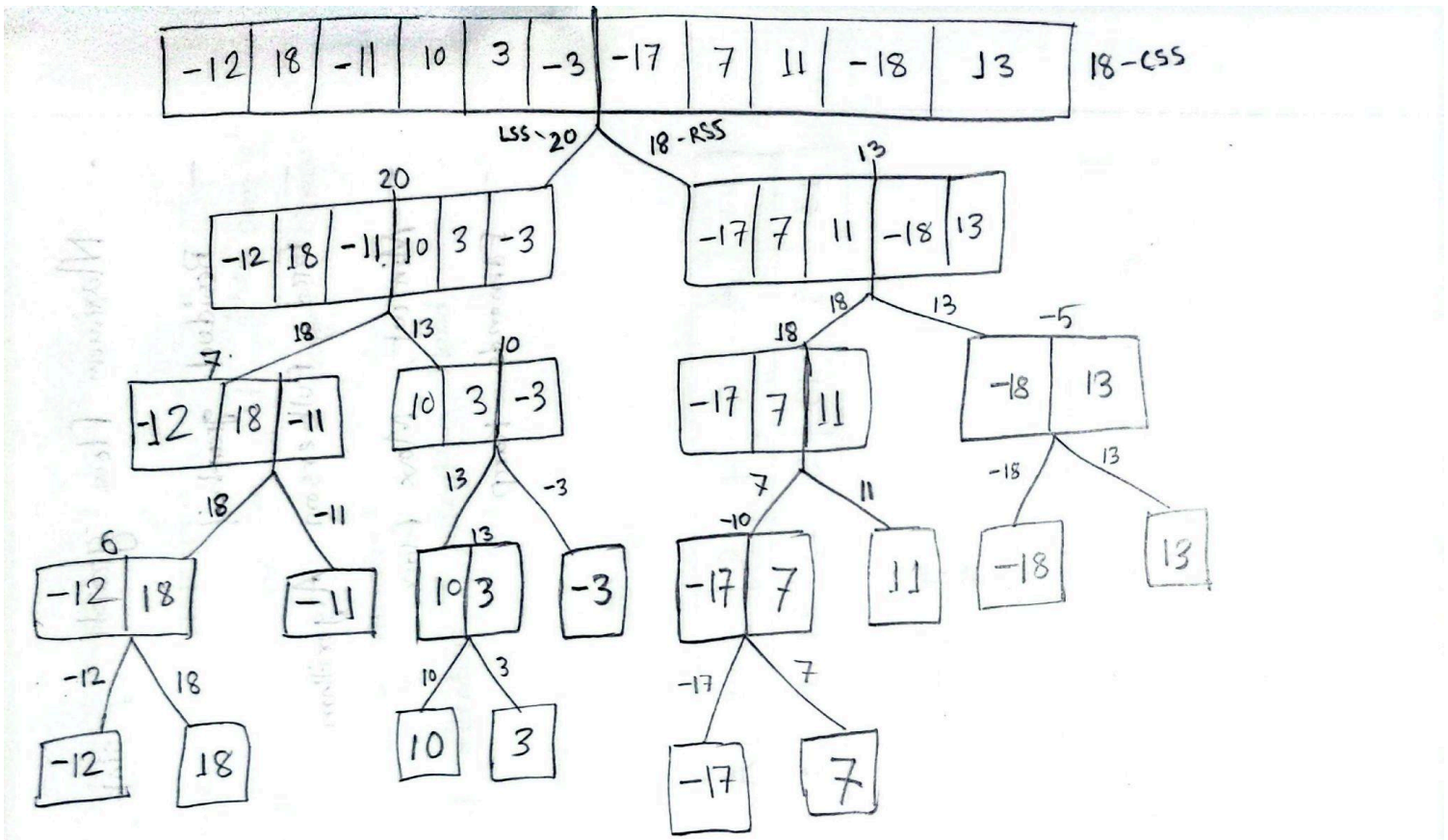
M	A	S	H	R	U	R	A	H	S	A	N
13	1	19	8	18	21	18	1	8	19	1	14

⇩ Difference Array

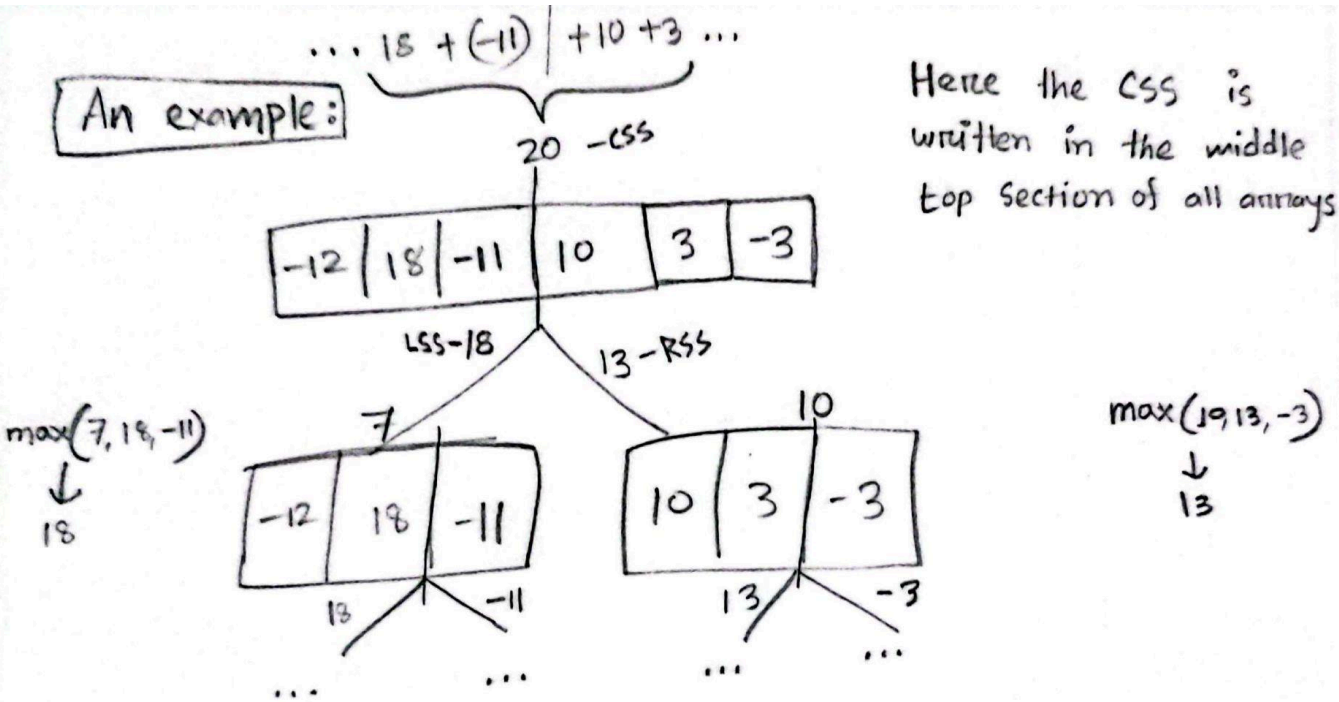
-12	18	-11	10	3	-3	-17	7	11	-18	13



Here, Right Subarray Sum (RSS) = 18
Left Subarray Sum (LSS) = 20
Cross Subarray Sum (CSS) = 18

So, the value of the Maximum Subarray = 20

... 18 -11 10 3 ...
20



Here the CSS is written in the middle top section of all arrays

In this small section; CSS - 20
LSS - 18
RSS - 13