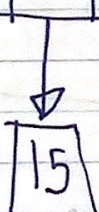


1a) $L(x) = x \bmod 11$


0	1	2	3	4	5	6	7	8	9	10
22	31	2	36	26	15	50	null	null	9	21

1a) $L(x) = x \bmod 11$

0	1	2	3	4	5	6	7	8	9	10
22		2	36	26		50			9	21

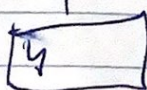
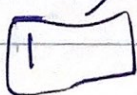
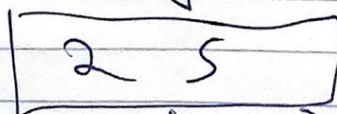
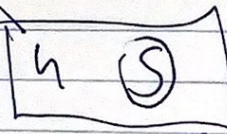
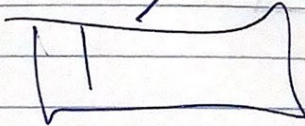
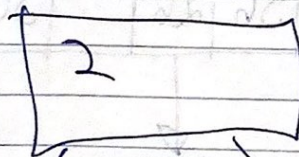
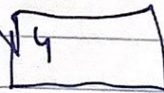
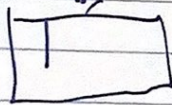
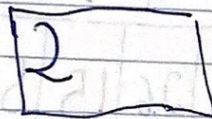
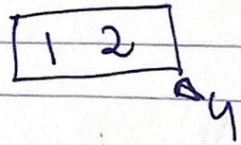
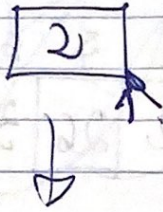


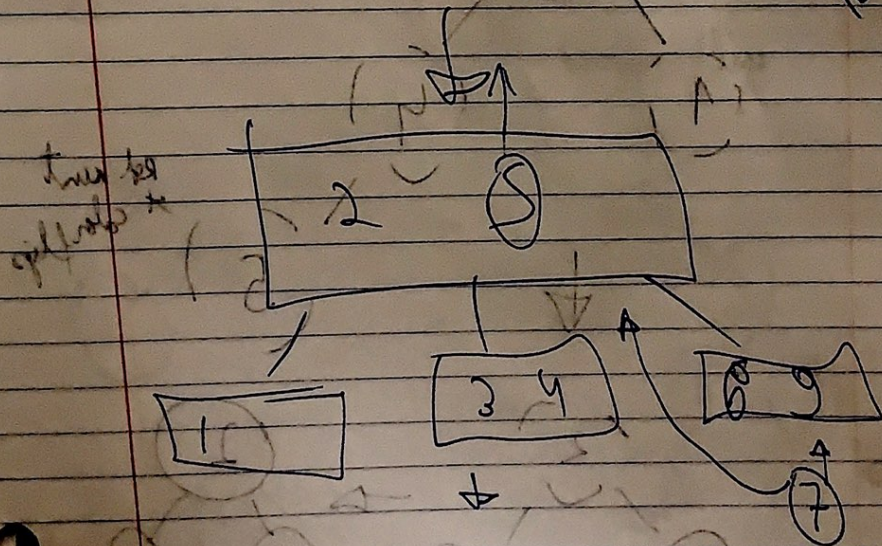
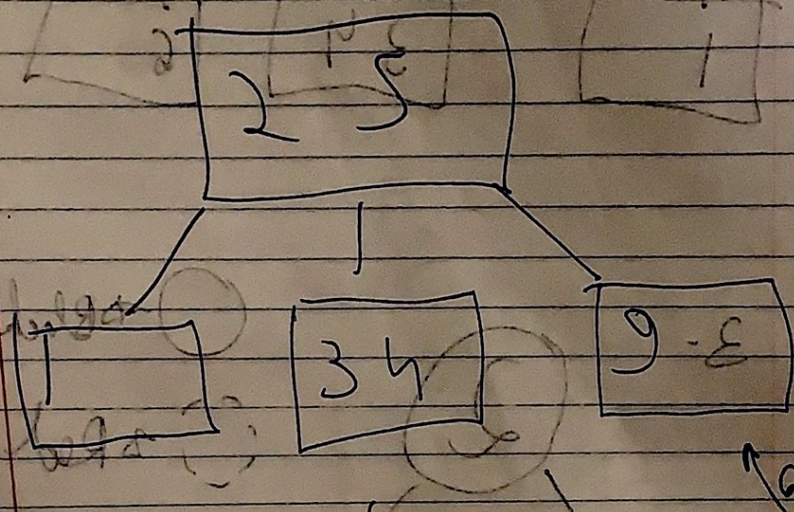
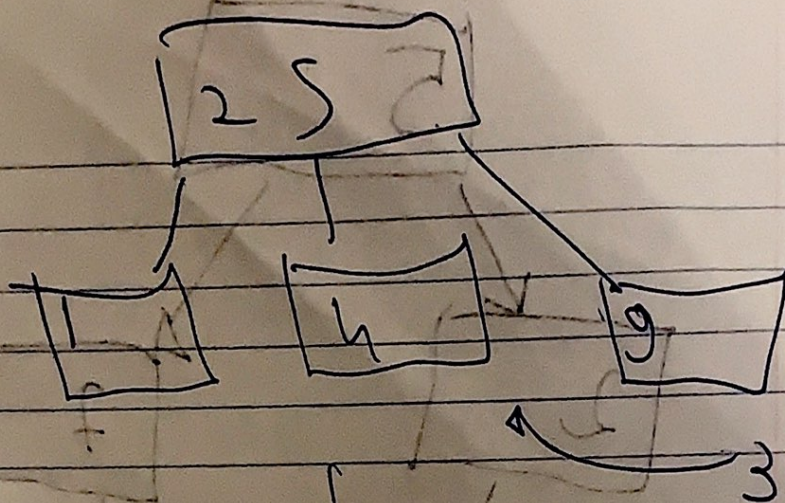
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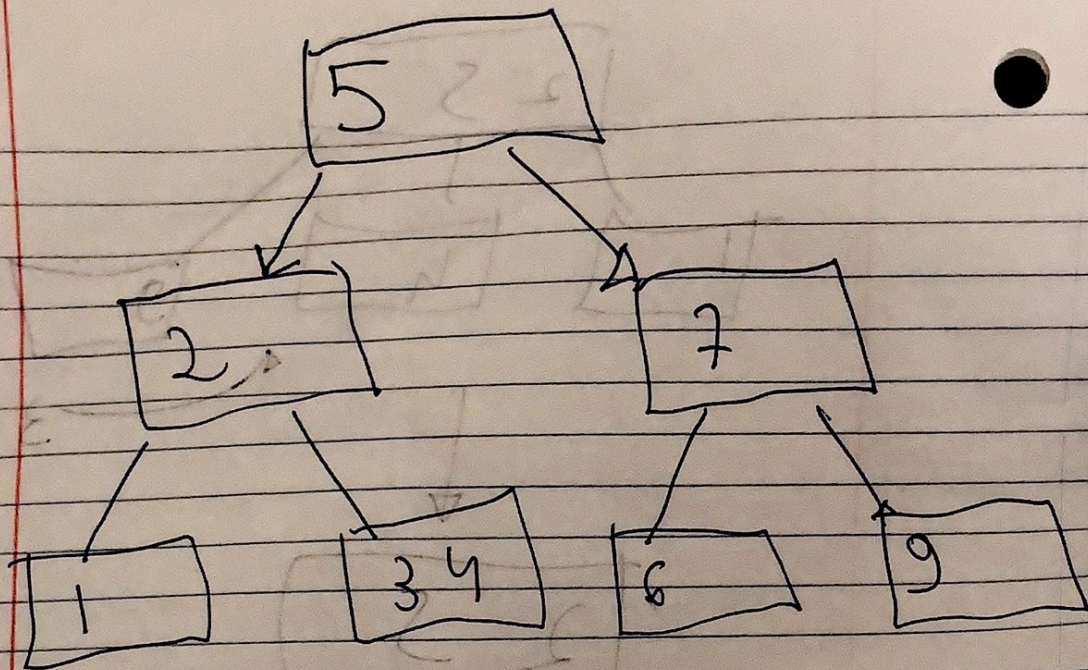


31

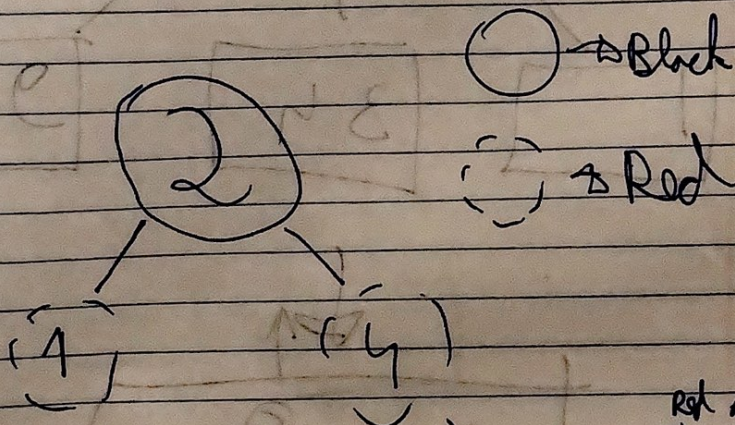
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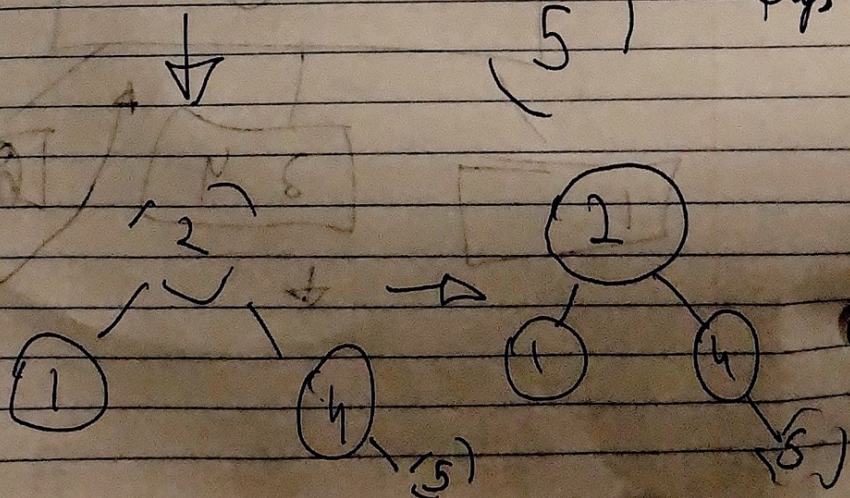
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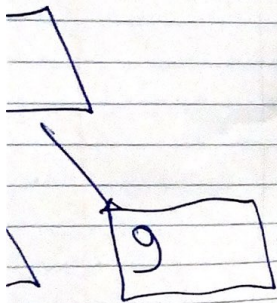


○ → Black

⊖ → Red

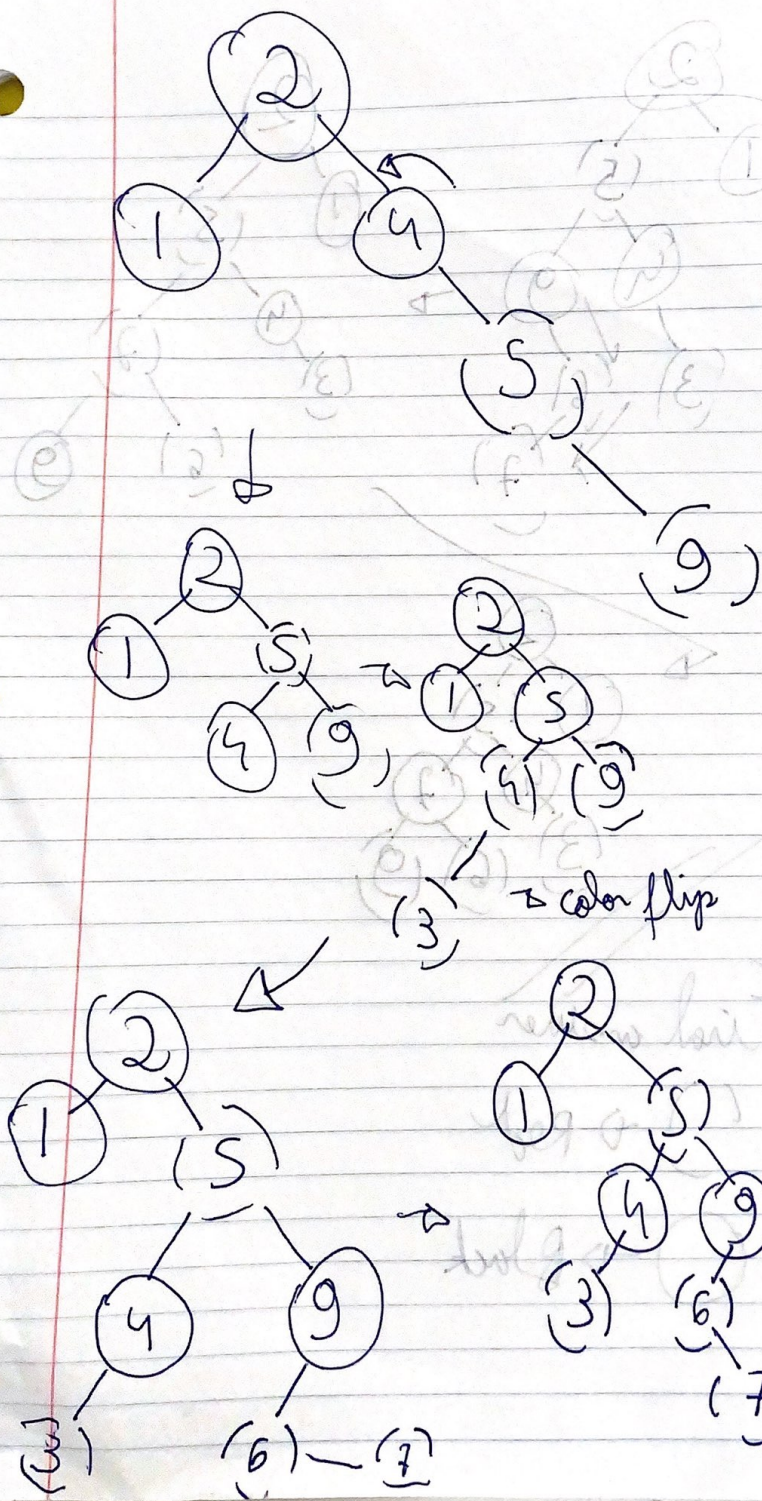
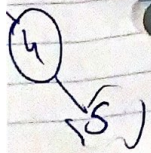
Red must
* color flips

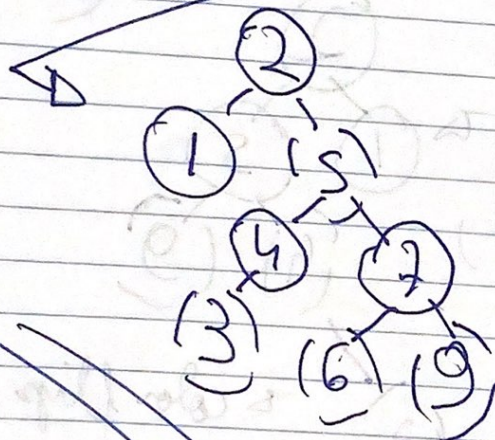
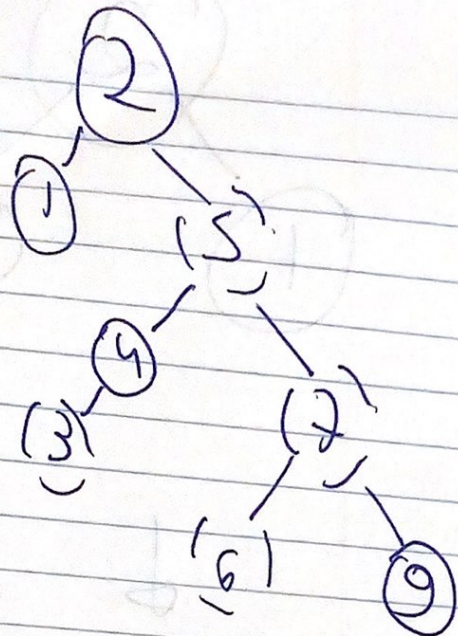
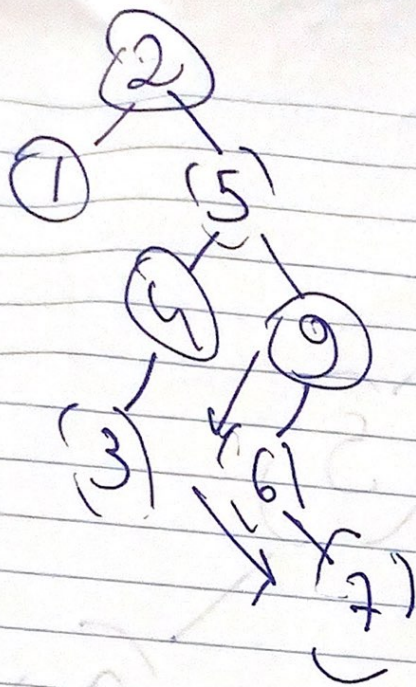




back
ed

Red must
+ color flip





Final answer

() → Red

○ → Black