Union or merging two binomial heaps:-

Case 1:- If degree[x] != degree(next x], then move pointer ahead.

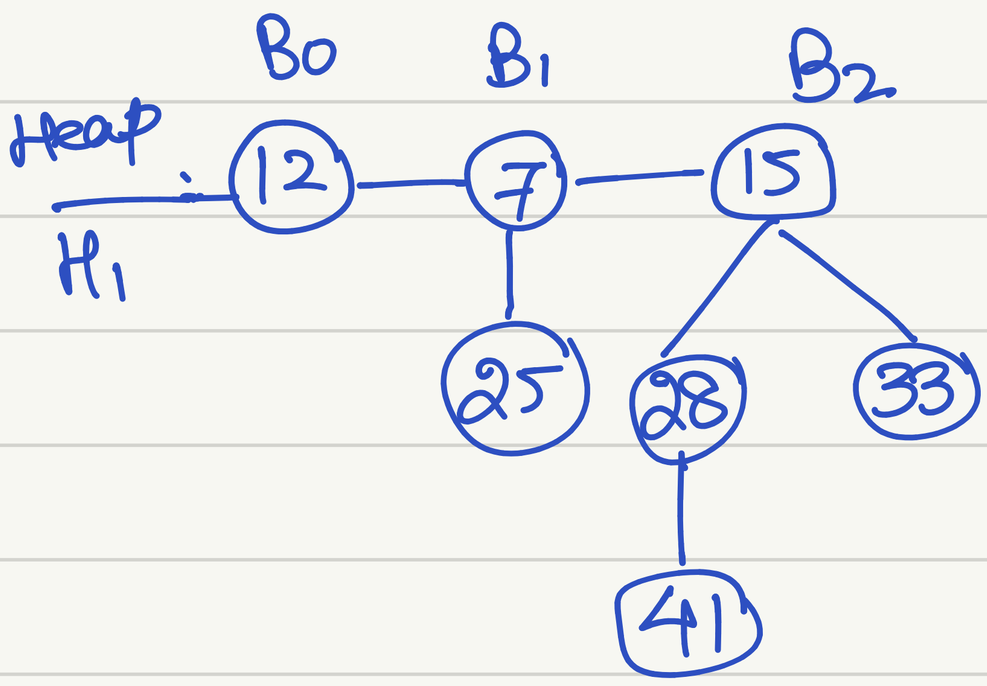
Case 2:. If degree[x] = degree[next x] = degree[sibling(next x)] then move the pointer ahead.

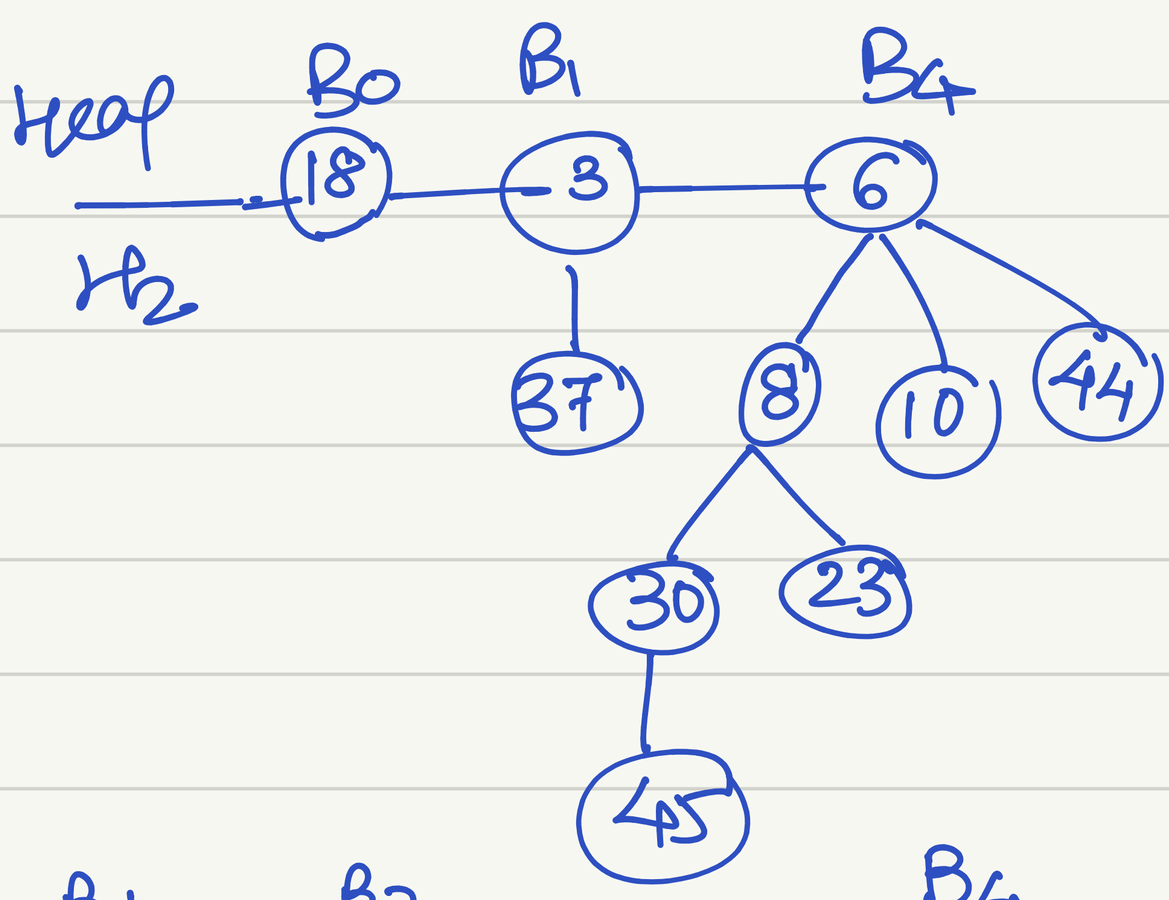
Case 3:. If degree[x] = degree[next x] != degree[sibling(next x)] and key[x] < key[next x], then remove 'next x' from root and attach to 'x'.

Case 4:. If degree[x] = degree[next x] != degree[sibling [next x]] and key[x] > key[next x], then remove 'x' from root and attach to 'next x'.

Dt:- 01/03/24

, 79, 59, 48, 52, 54, 73, 19, 38, 56, 3, 37, 45, 55, 65003, 65007.


B0
B1
B2
Heap
H1
12
7
15
25
28
33
41


B0
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Heap
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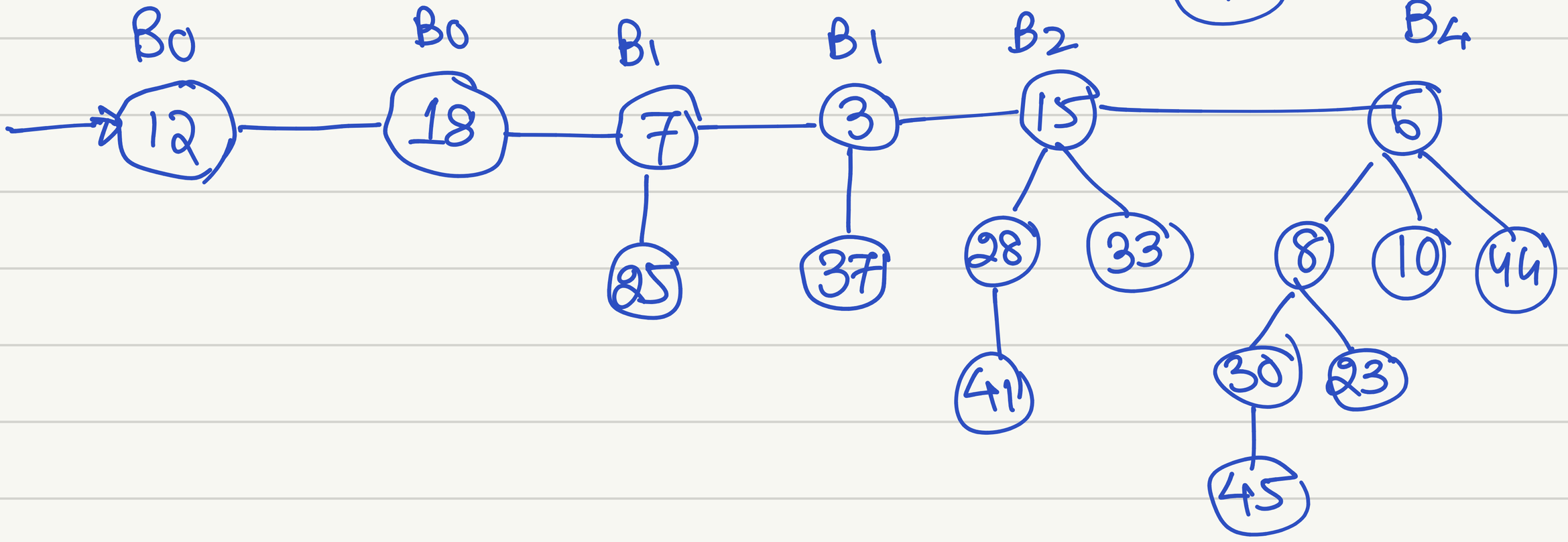
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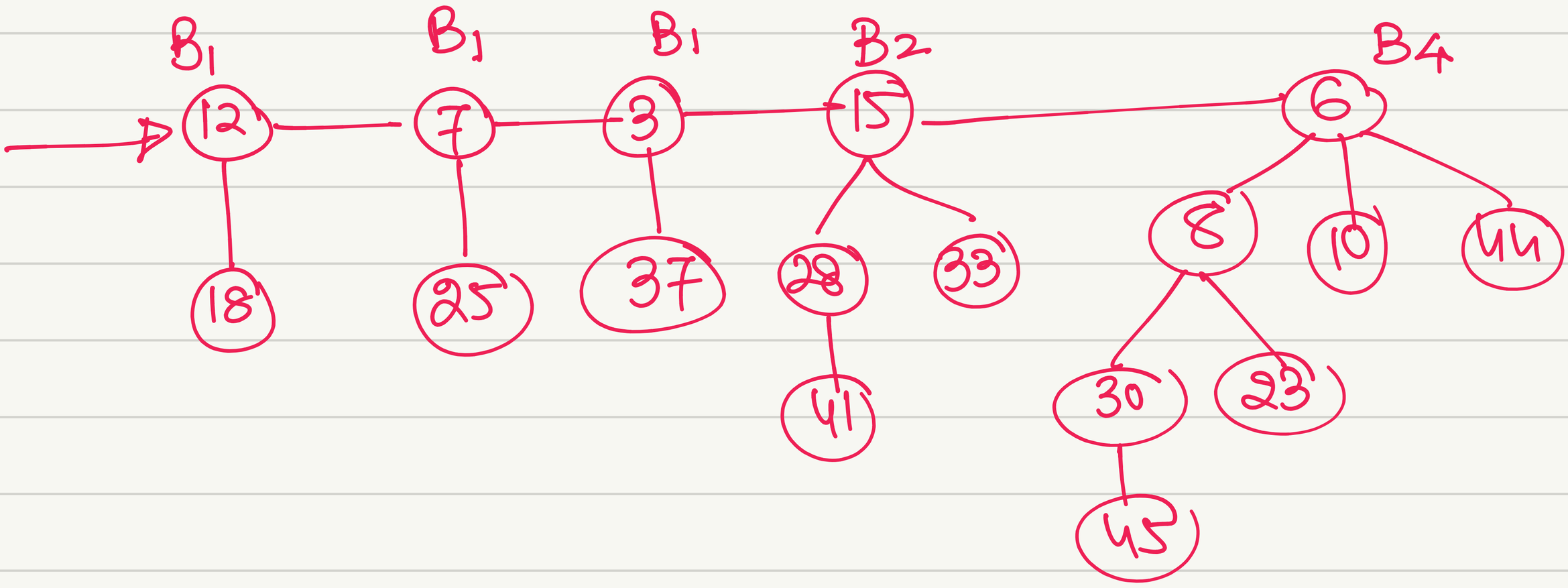
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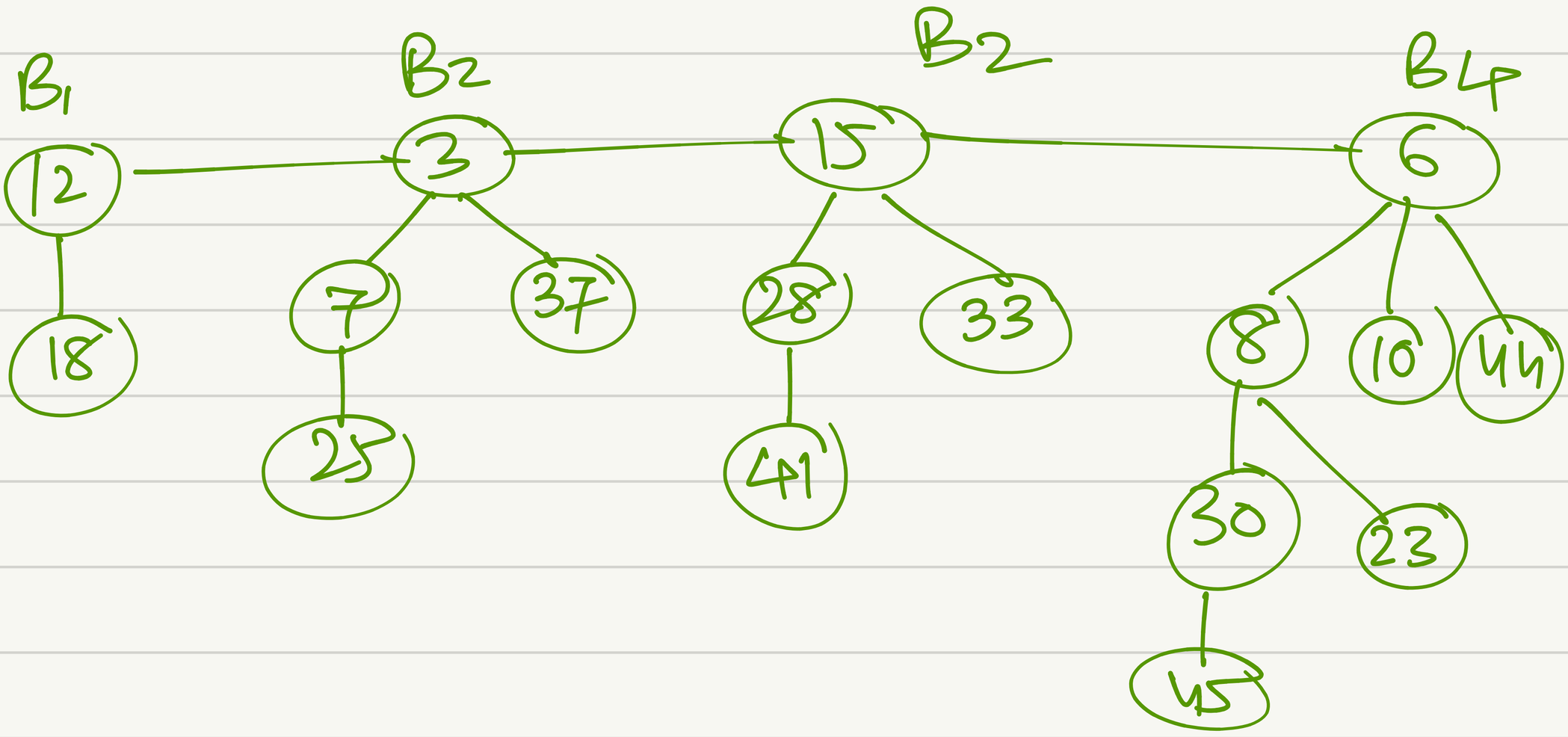
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