

Data Structures & Algorithms

Subodh Kumar

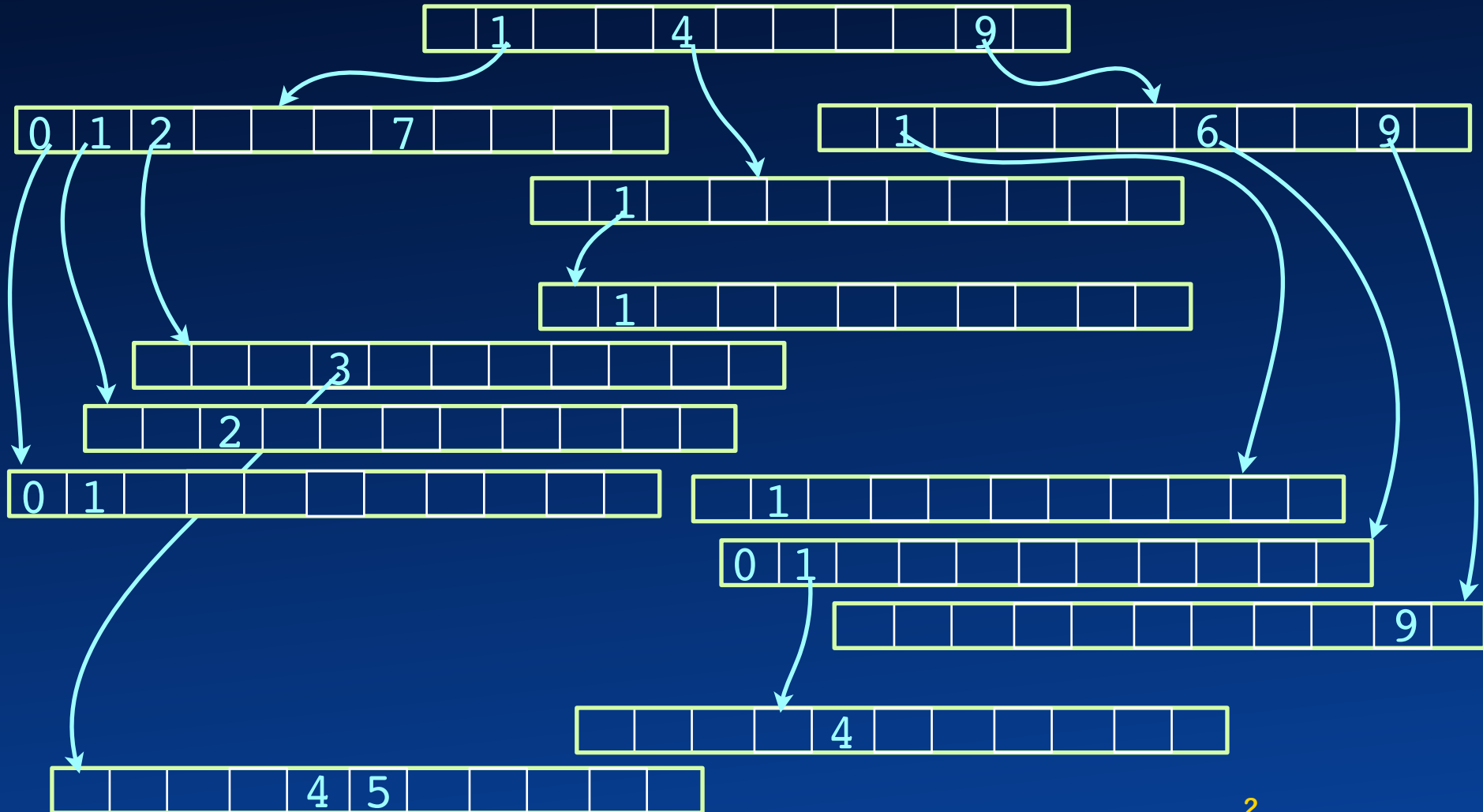
(subodh@iitd.ac.in, Bharti 422)

Dept of Computer Sc. & Engg.



Trie

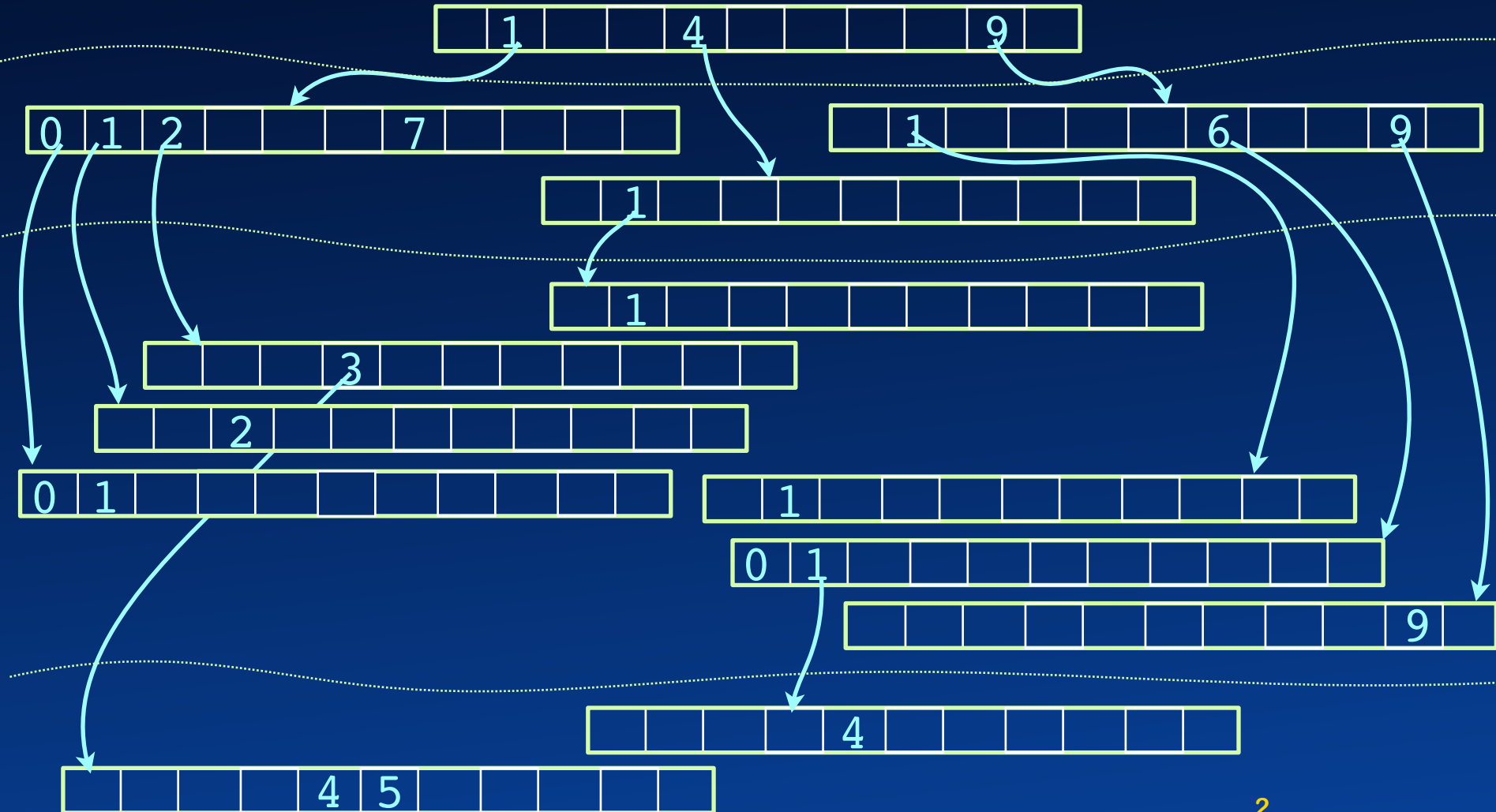
100,101,112, 1234,1235, 17, 411, 911, 960, 9614, 999





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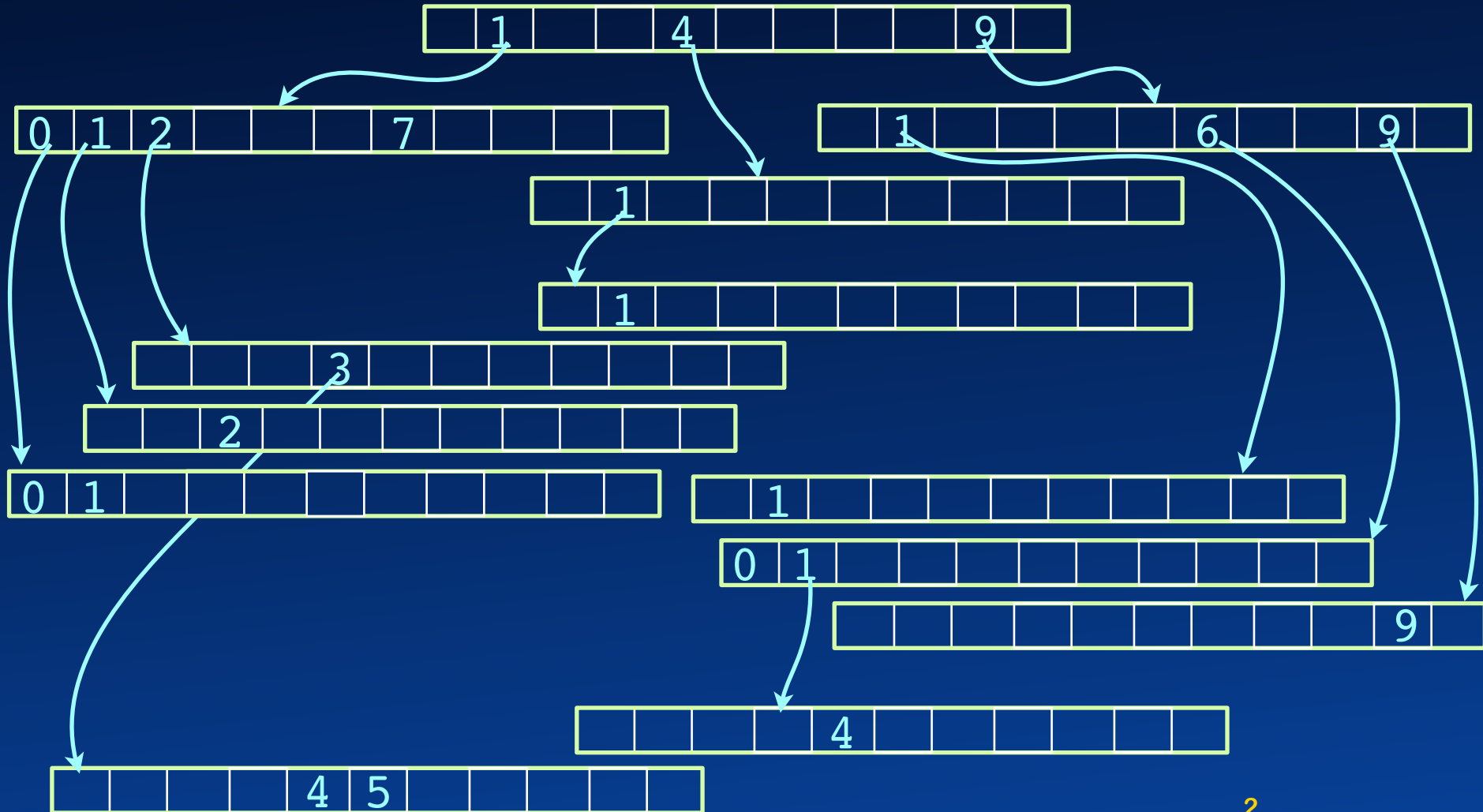
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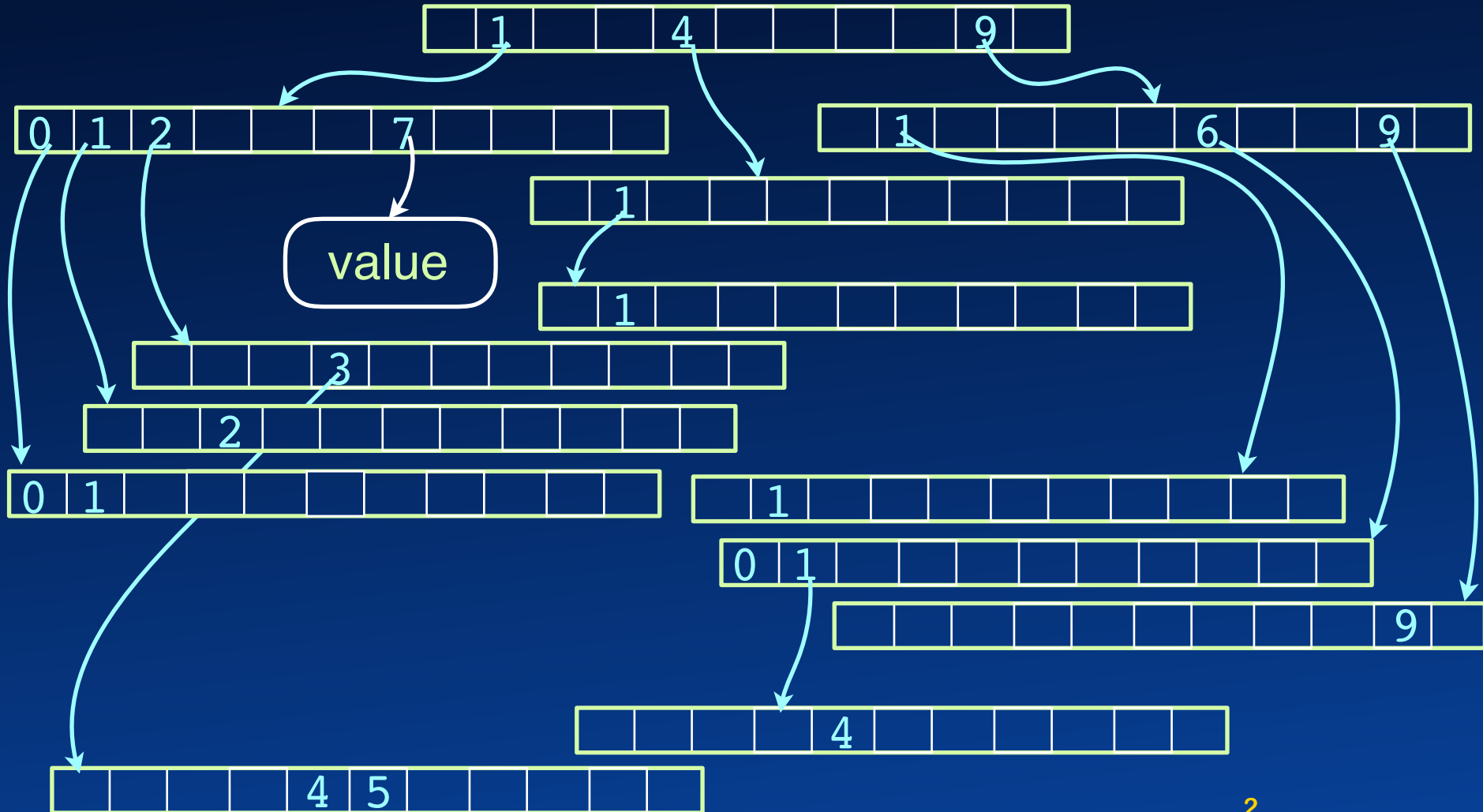
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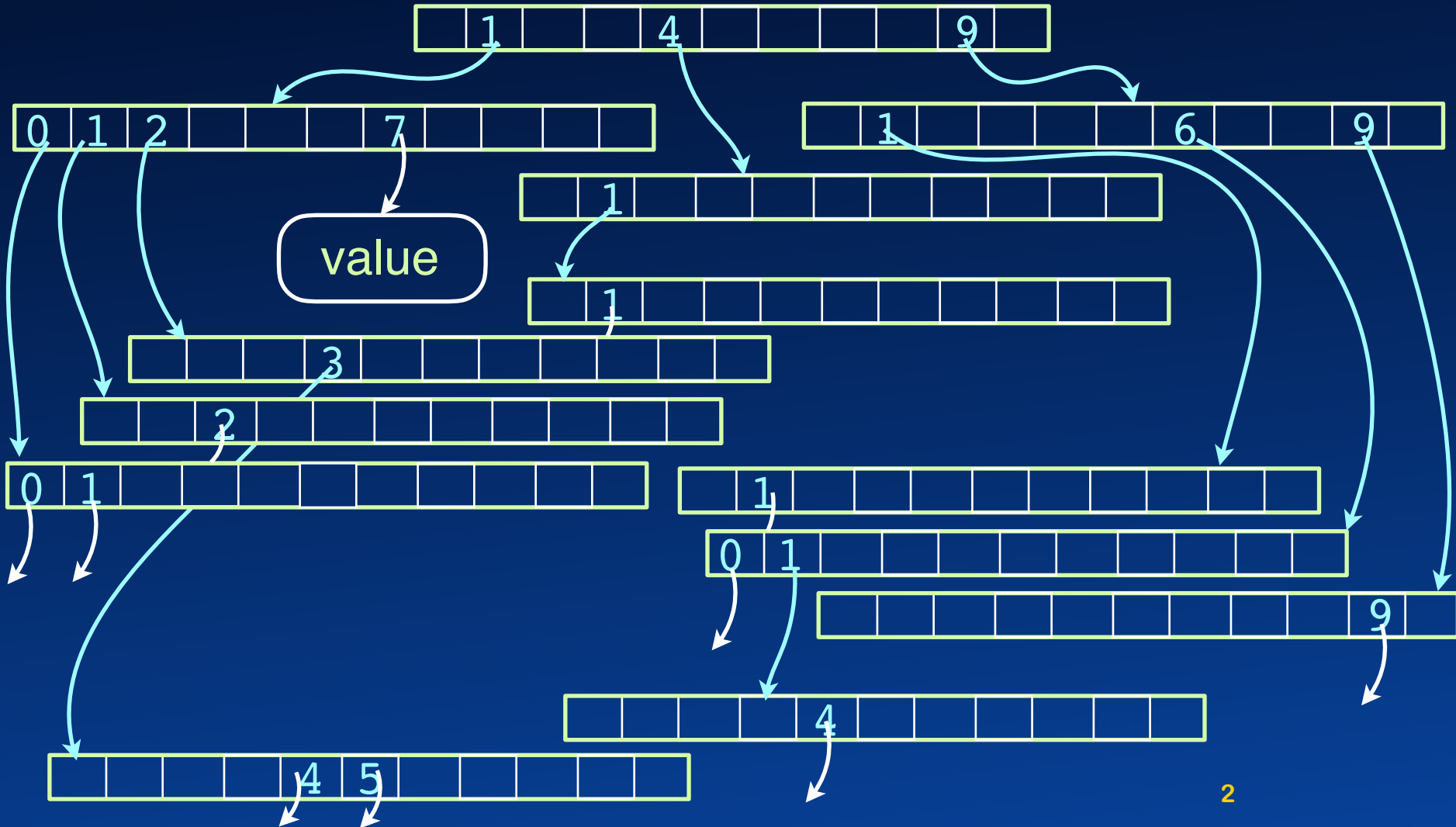
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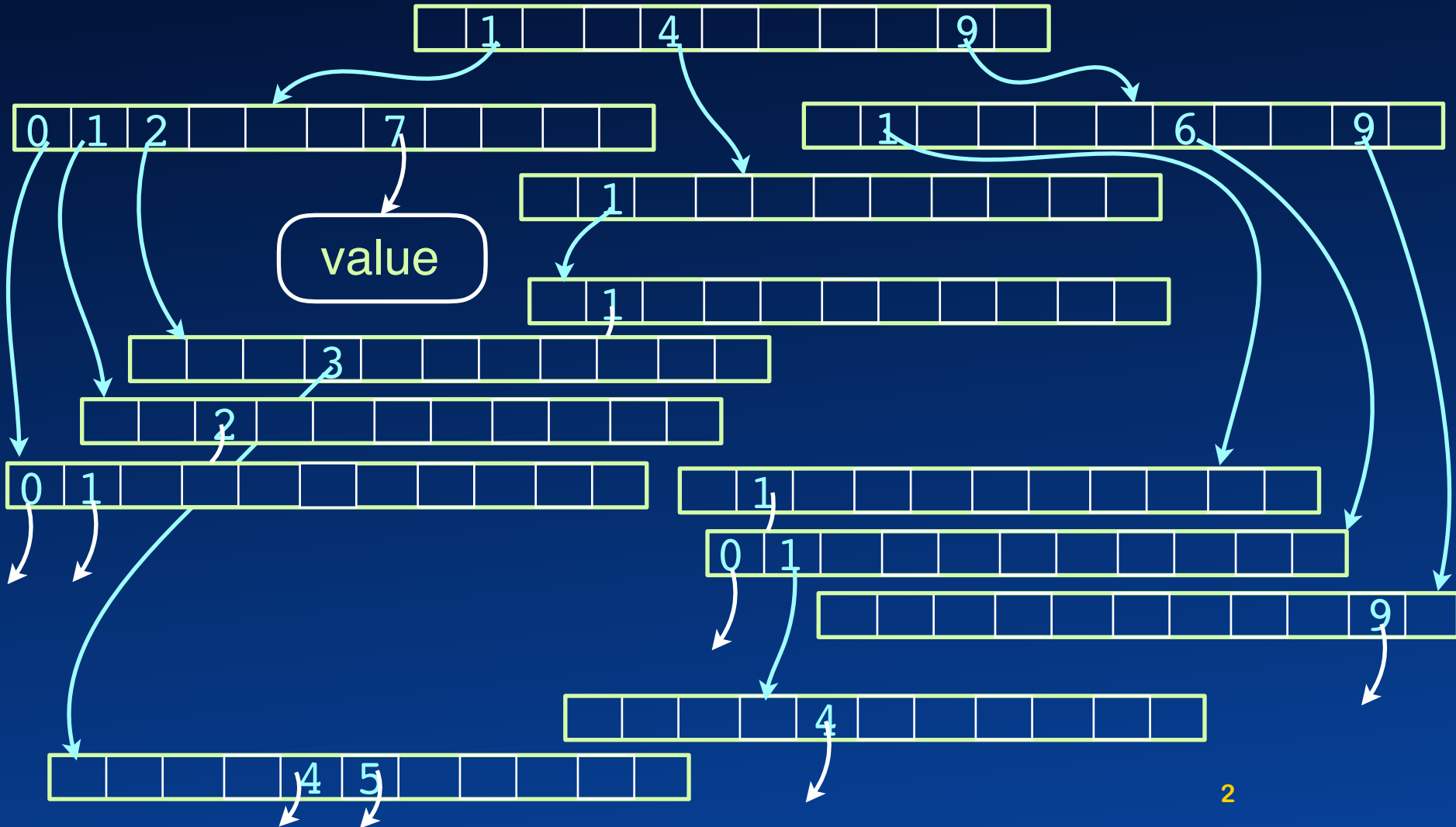
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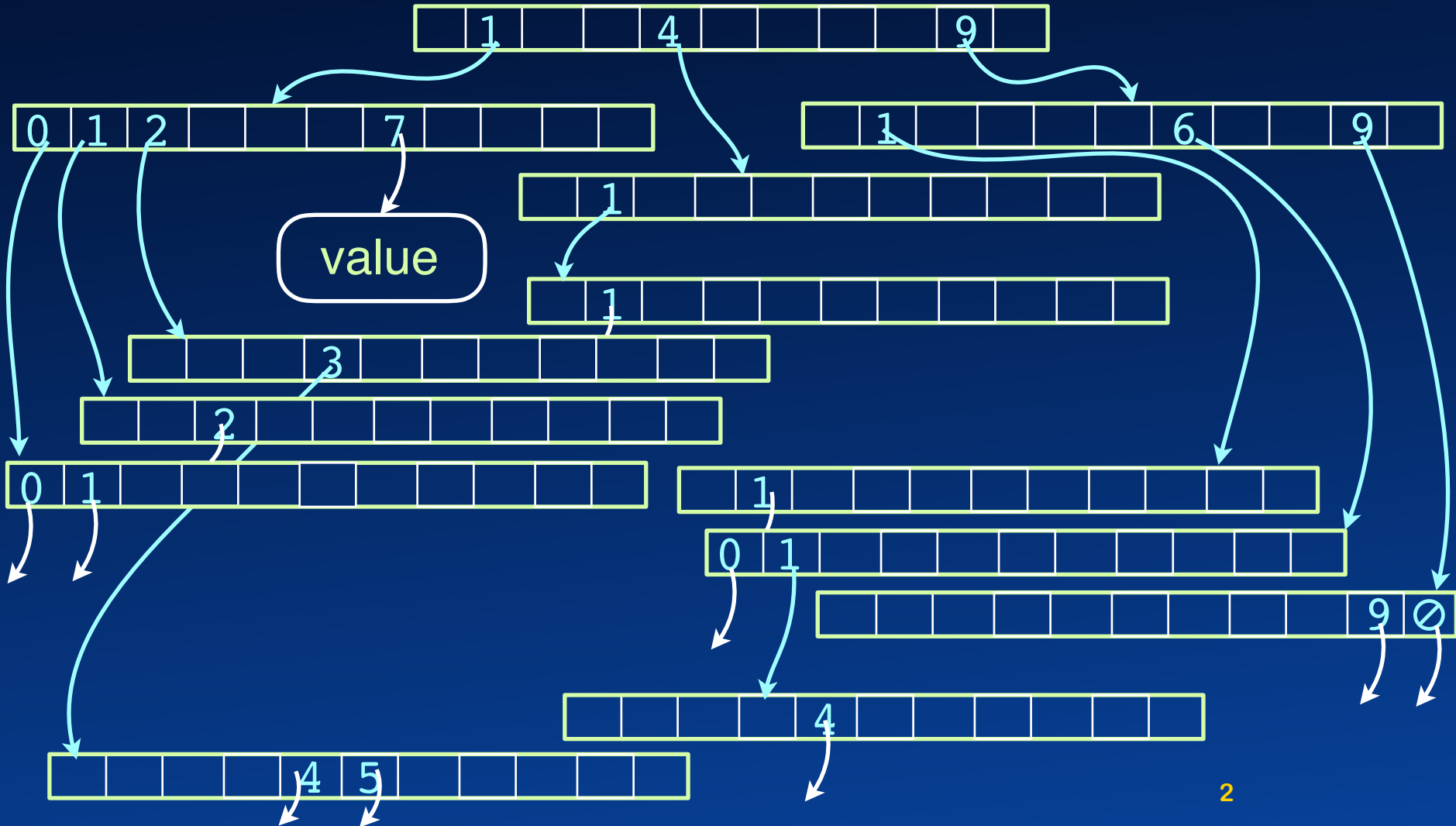
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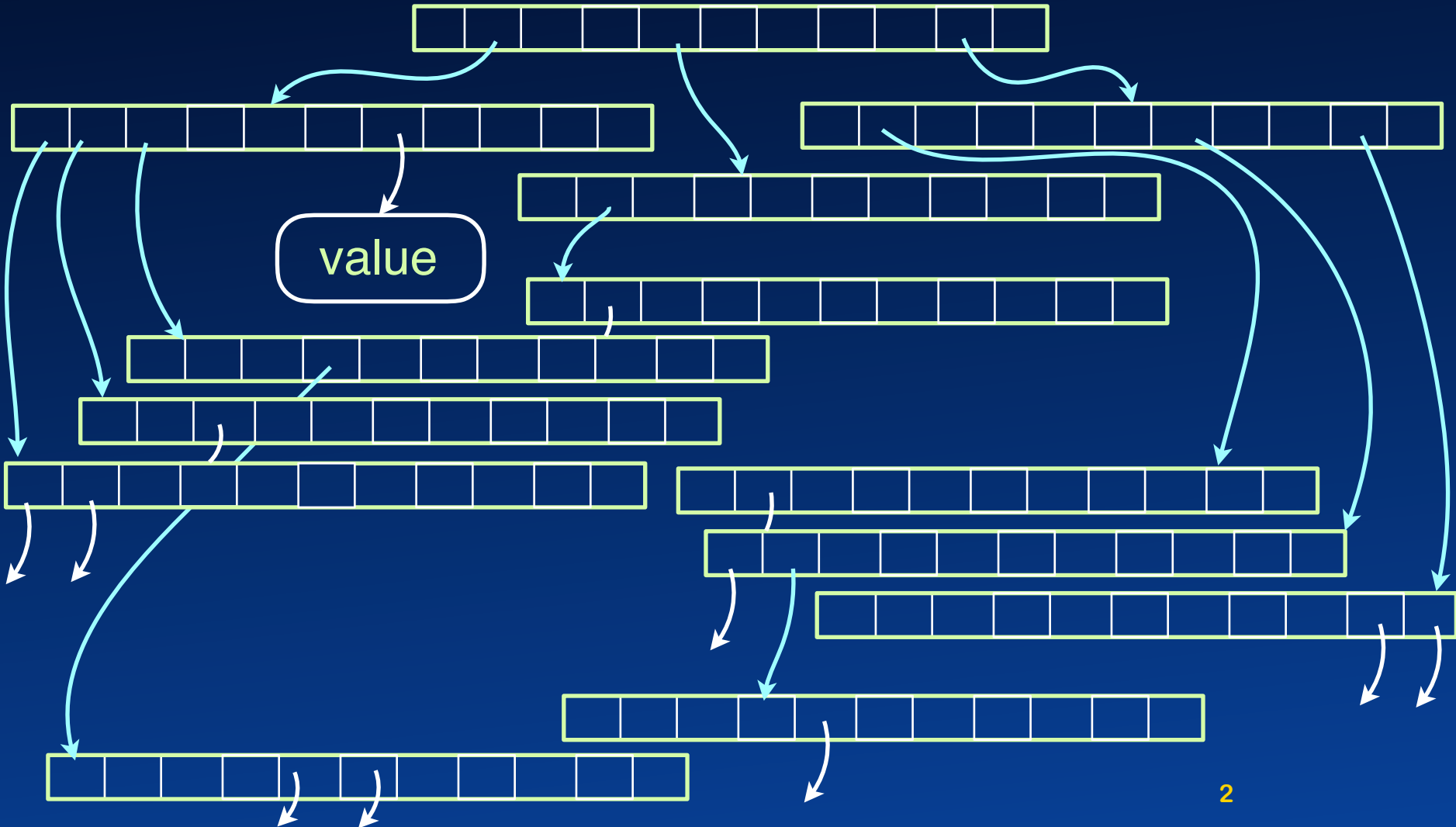
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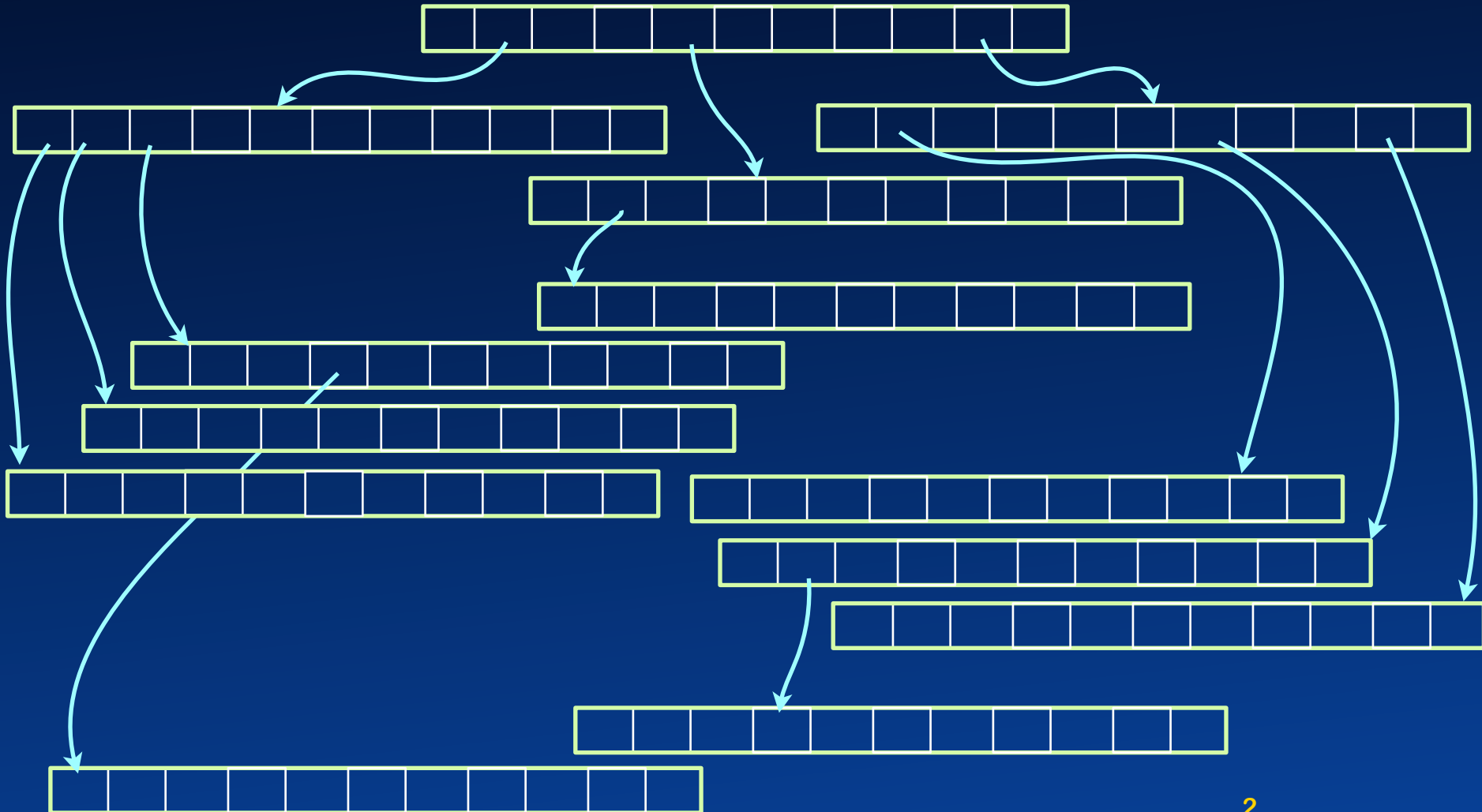
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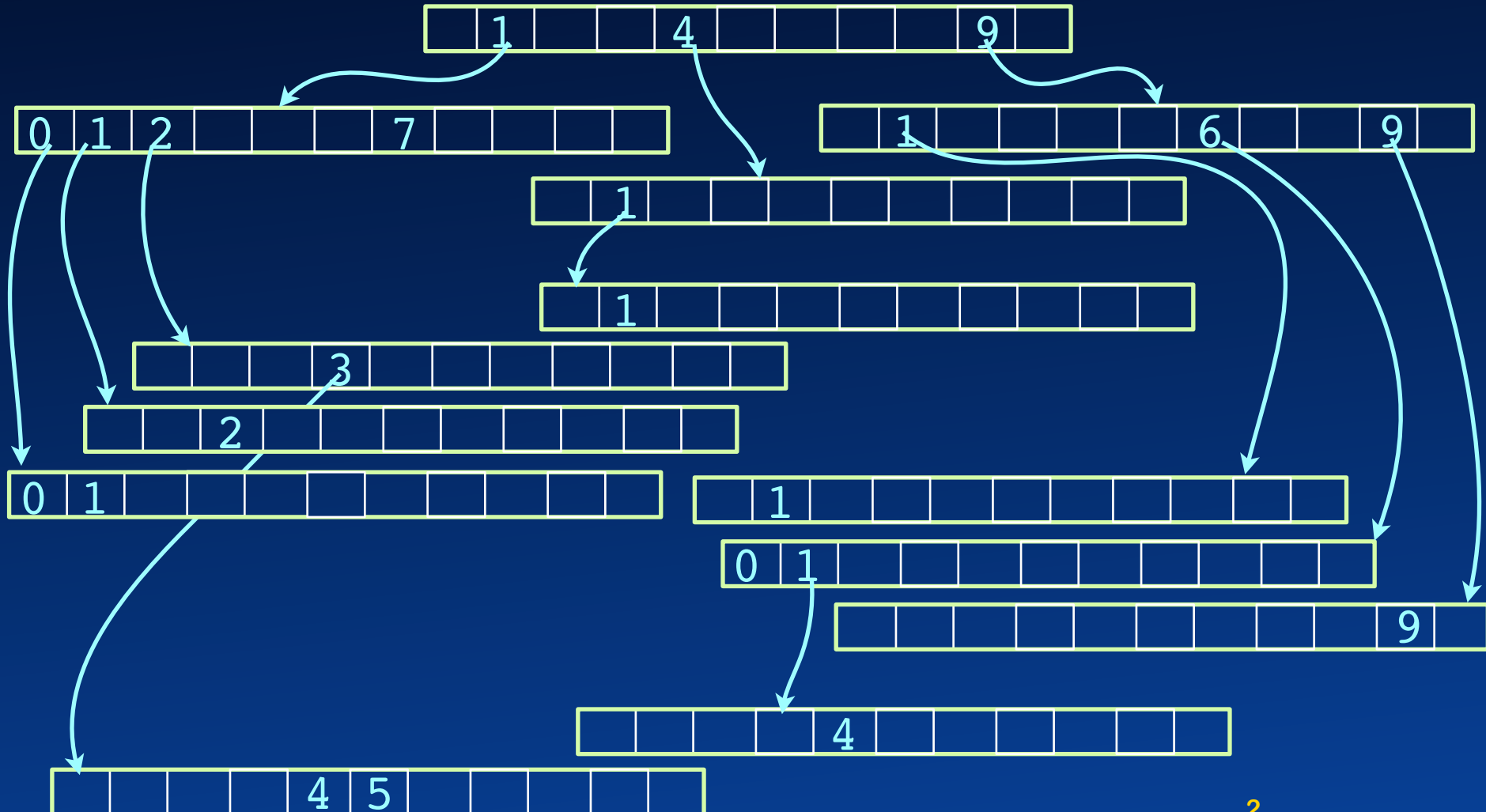
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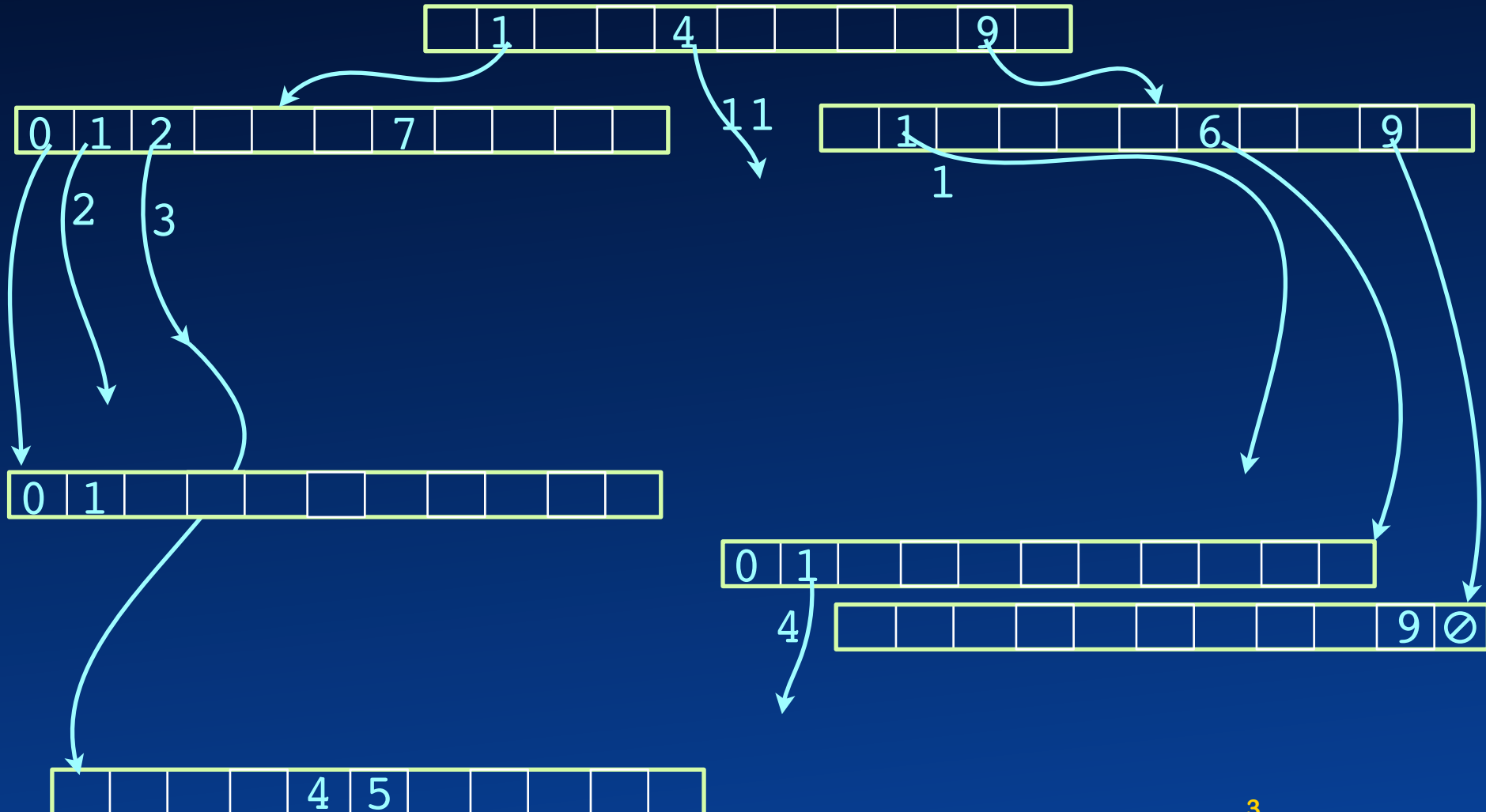
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Compressed Trie

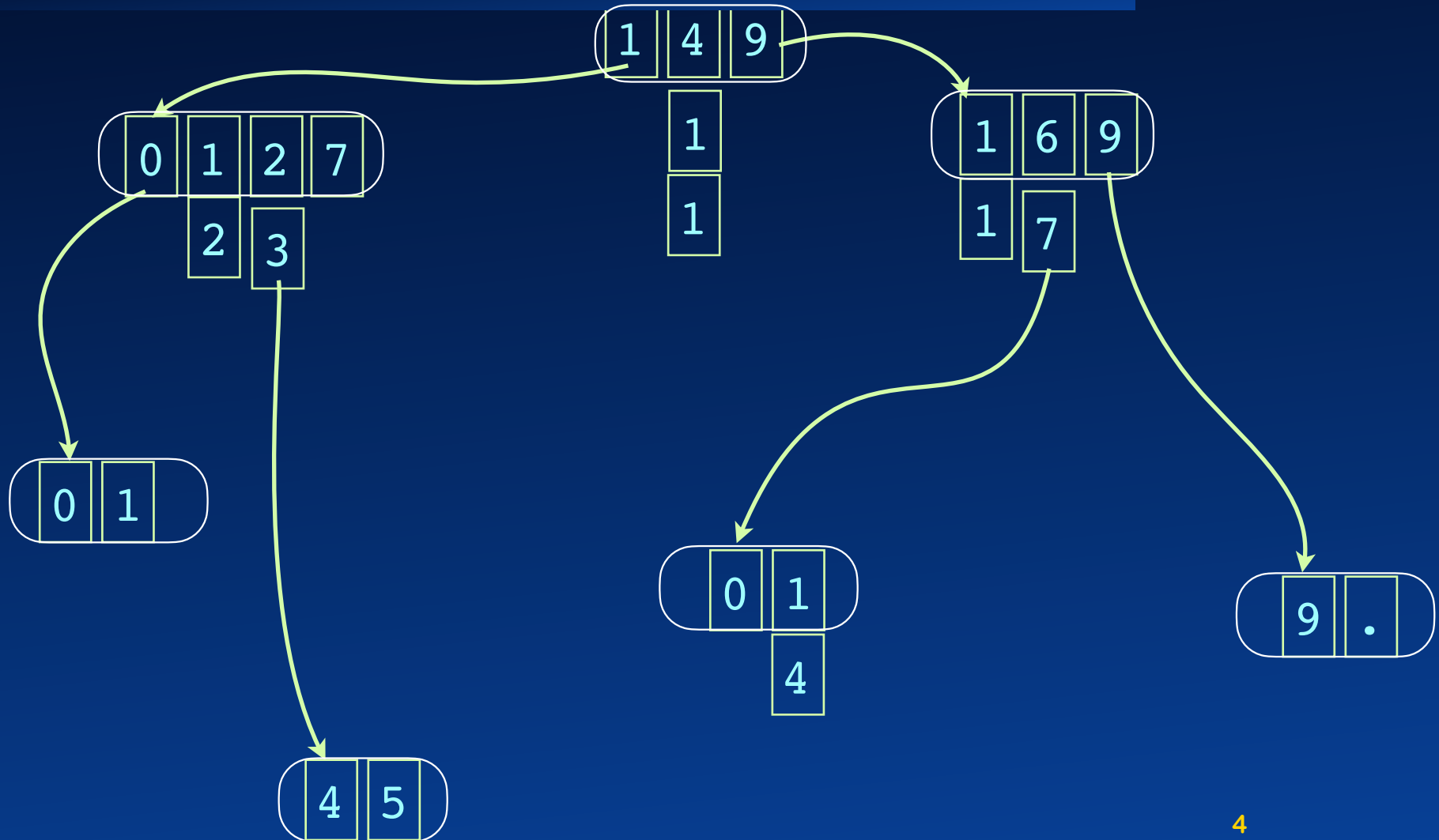
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Trie Update

100,101,112, 1234,1235, 17, 411, 911, 9670, 96714, 99, 999

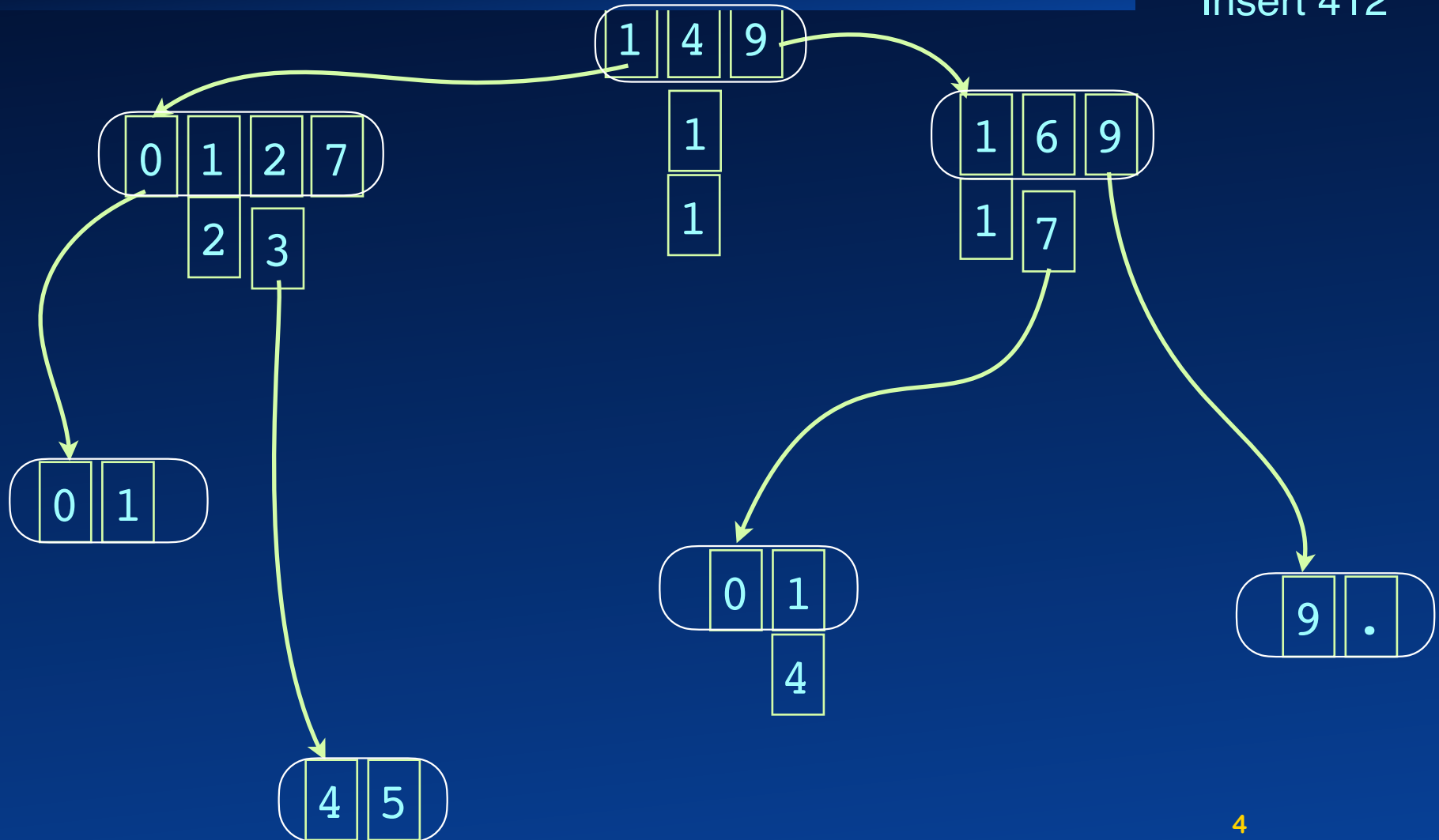




Trie Update

100,101,112, 1234,1235, 17, 411, 911, 9670, 96714, 99, 999

Insert 412

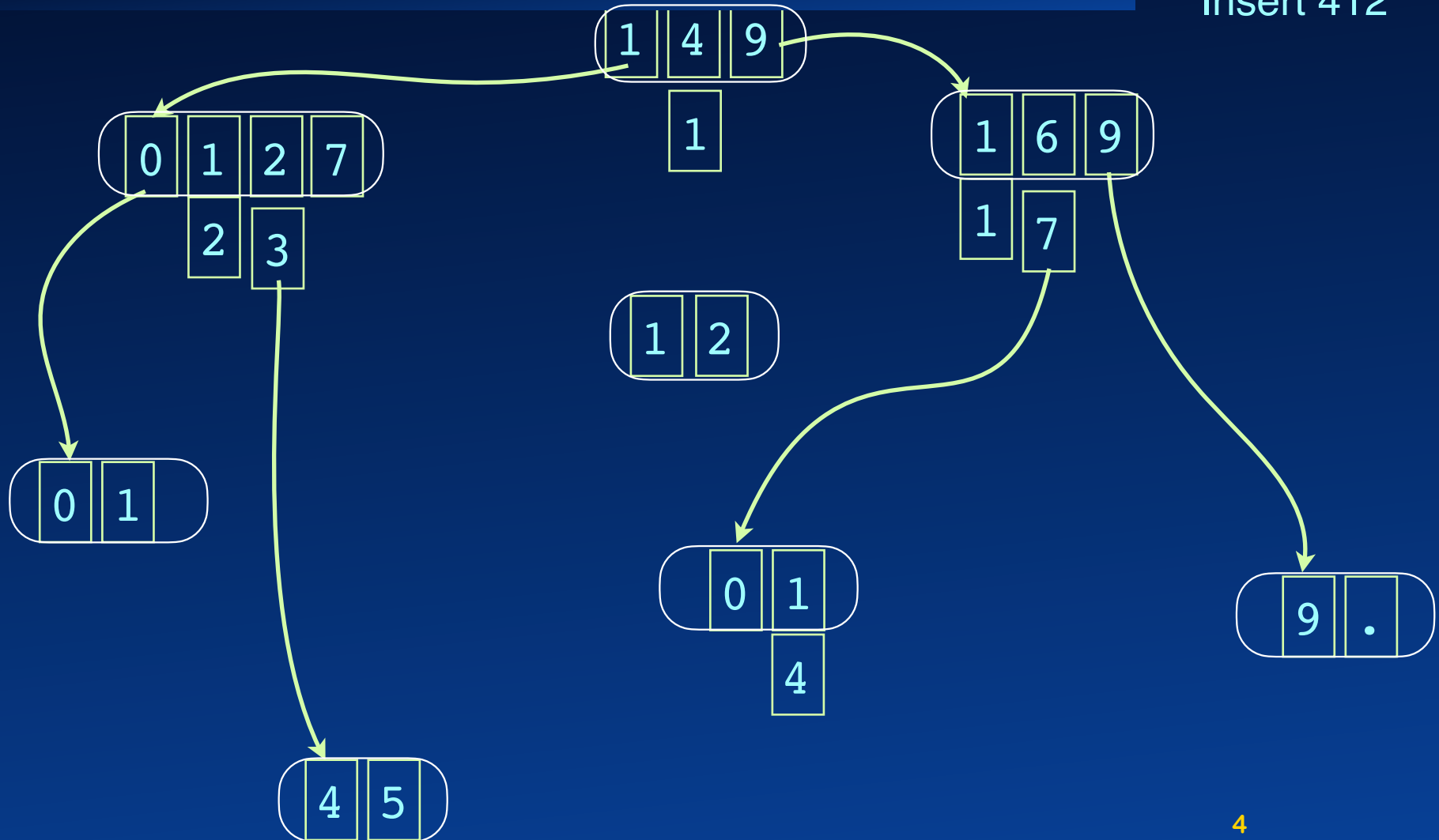




Trie Update

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Insert 412

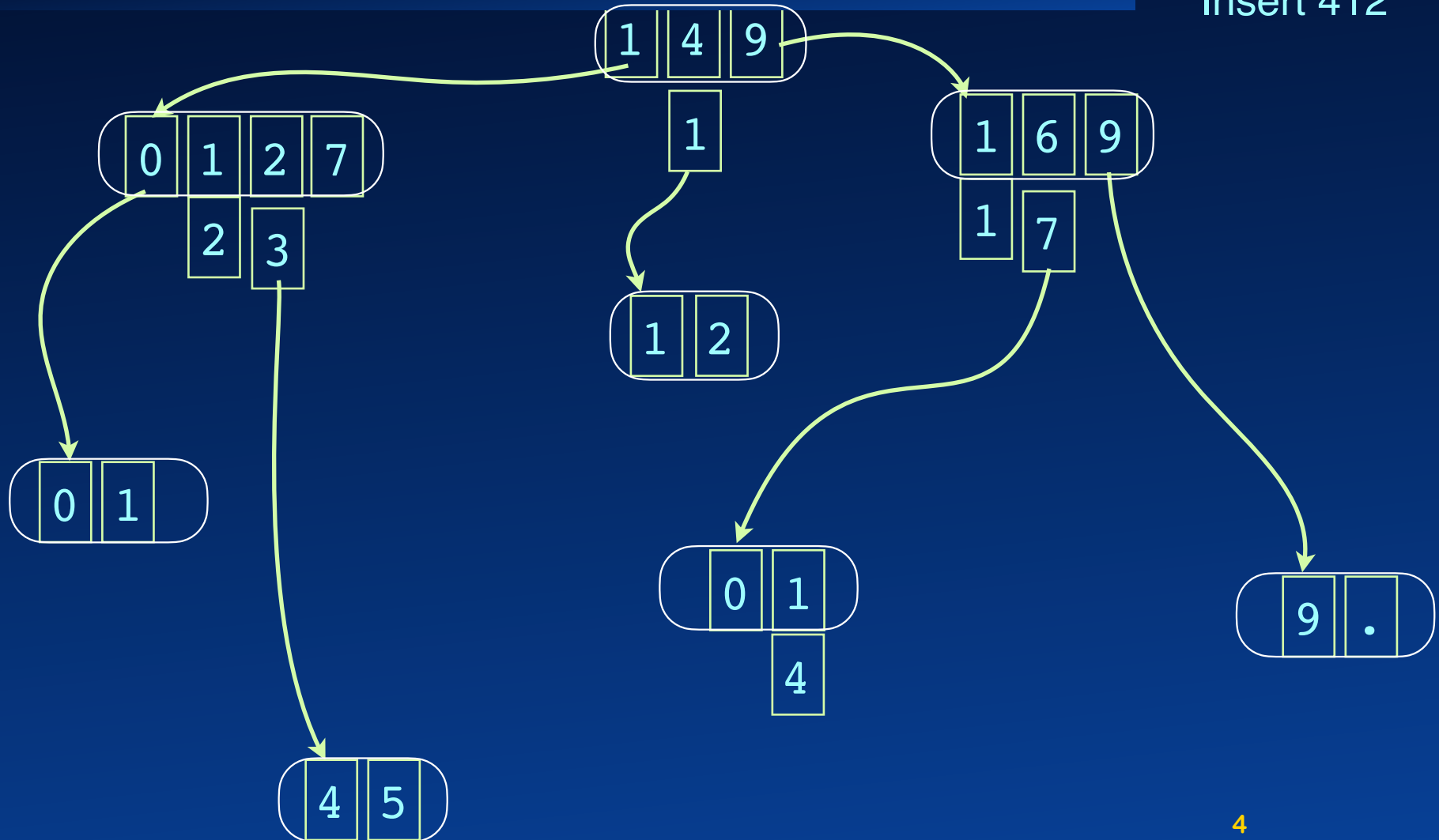




Trie Update

100,101,112, 1234,1235, 17, 411, 911, 9670, 96714, 99, 999

Insert 412



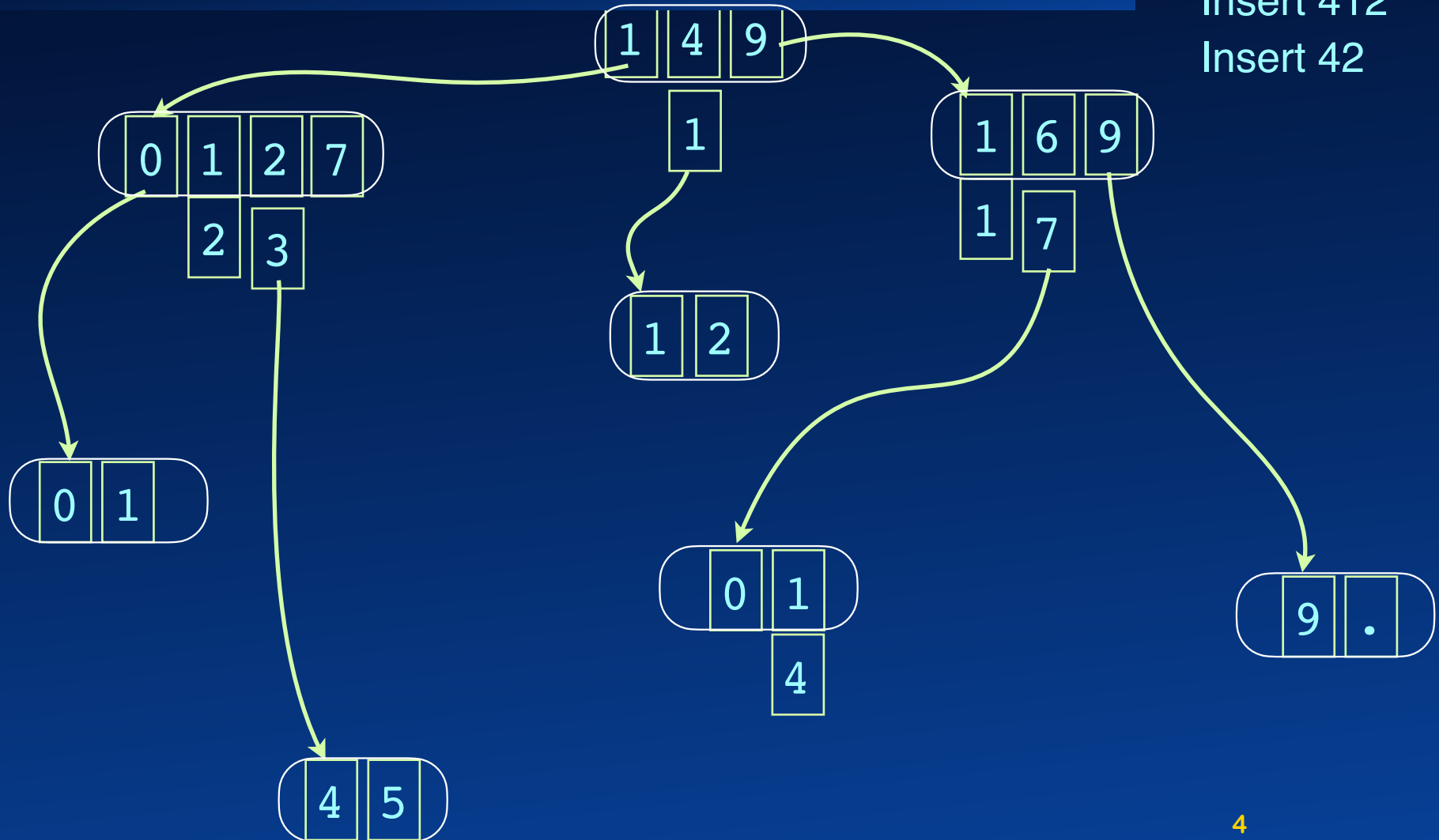


Trie Update

100,101,112, 1234,1235, 17, 411, 911, 9670, 96714, 99, 999

Insert 412

Insert 42



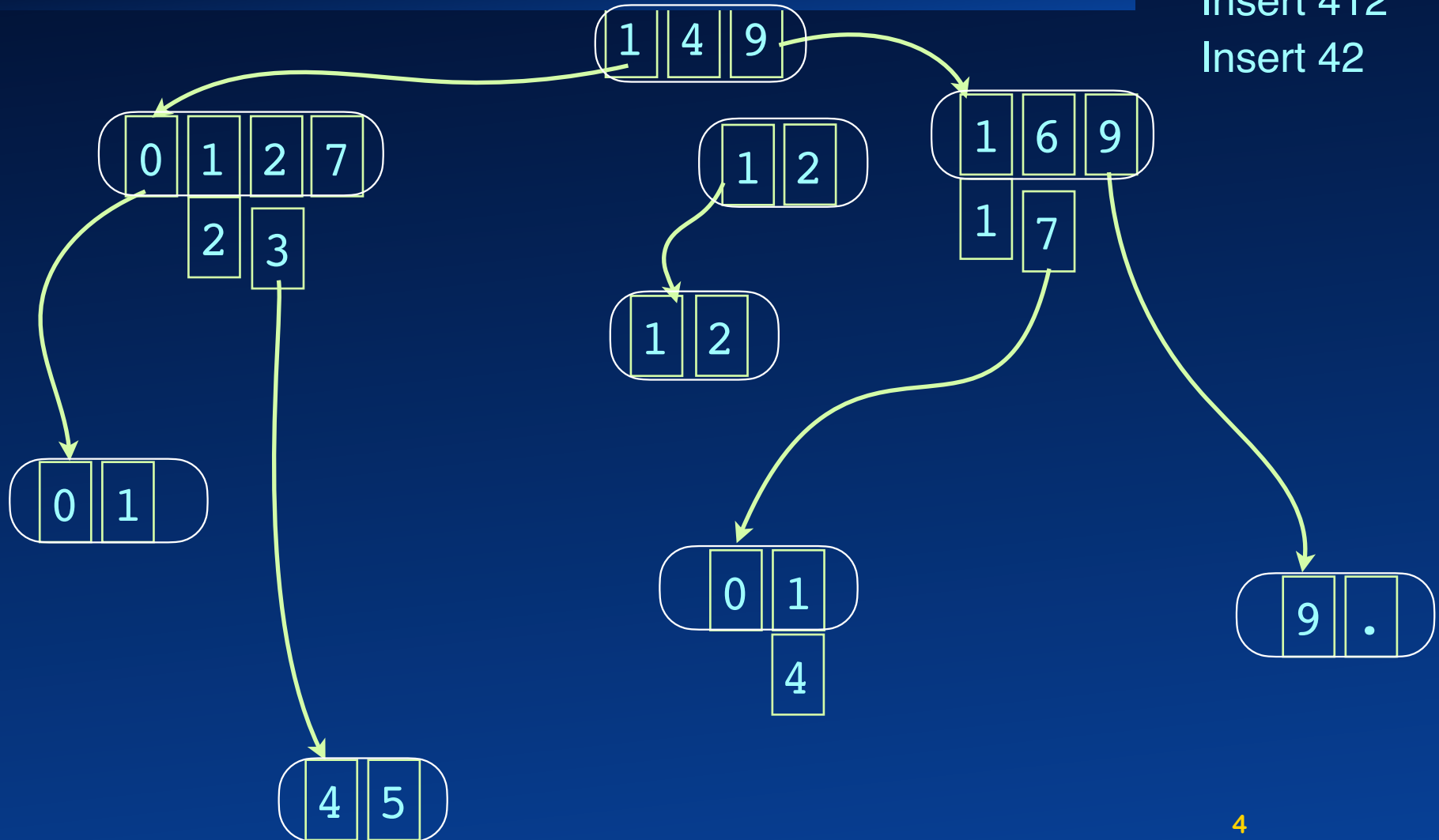


Trie Update

100,101,112, 1234,1235, 17, 411, 911, 9670, 96714, 99, 999

Insert 412

Insert 42



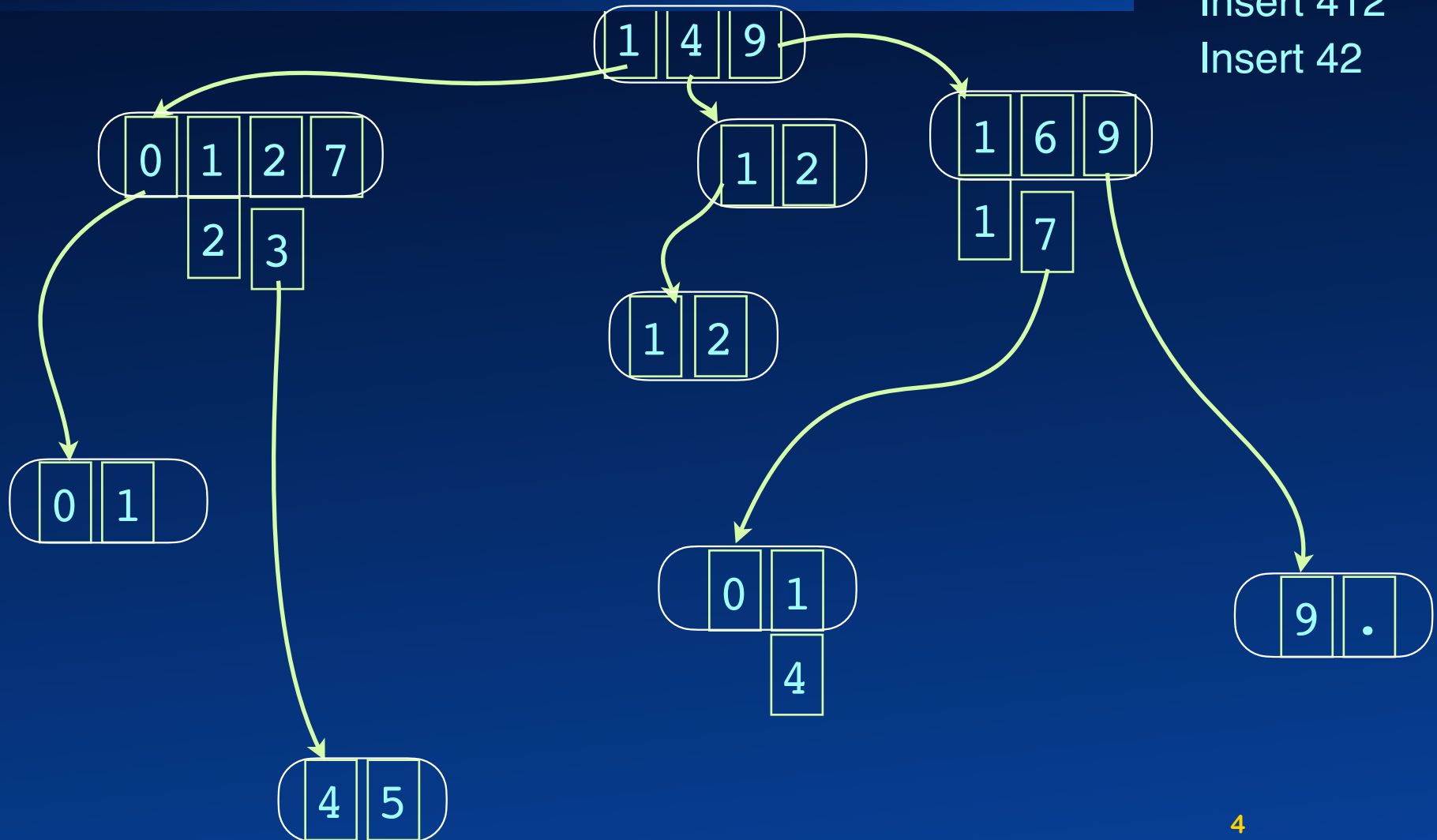


Trie Update

100,101,112, 1234,1235, 17, 411, 911, 9670, 96714, 99, 999

Insert 412

Insert 42





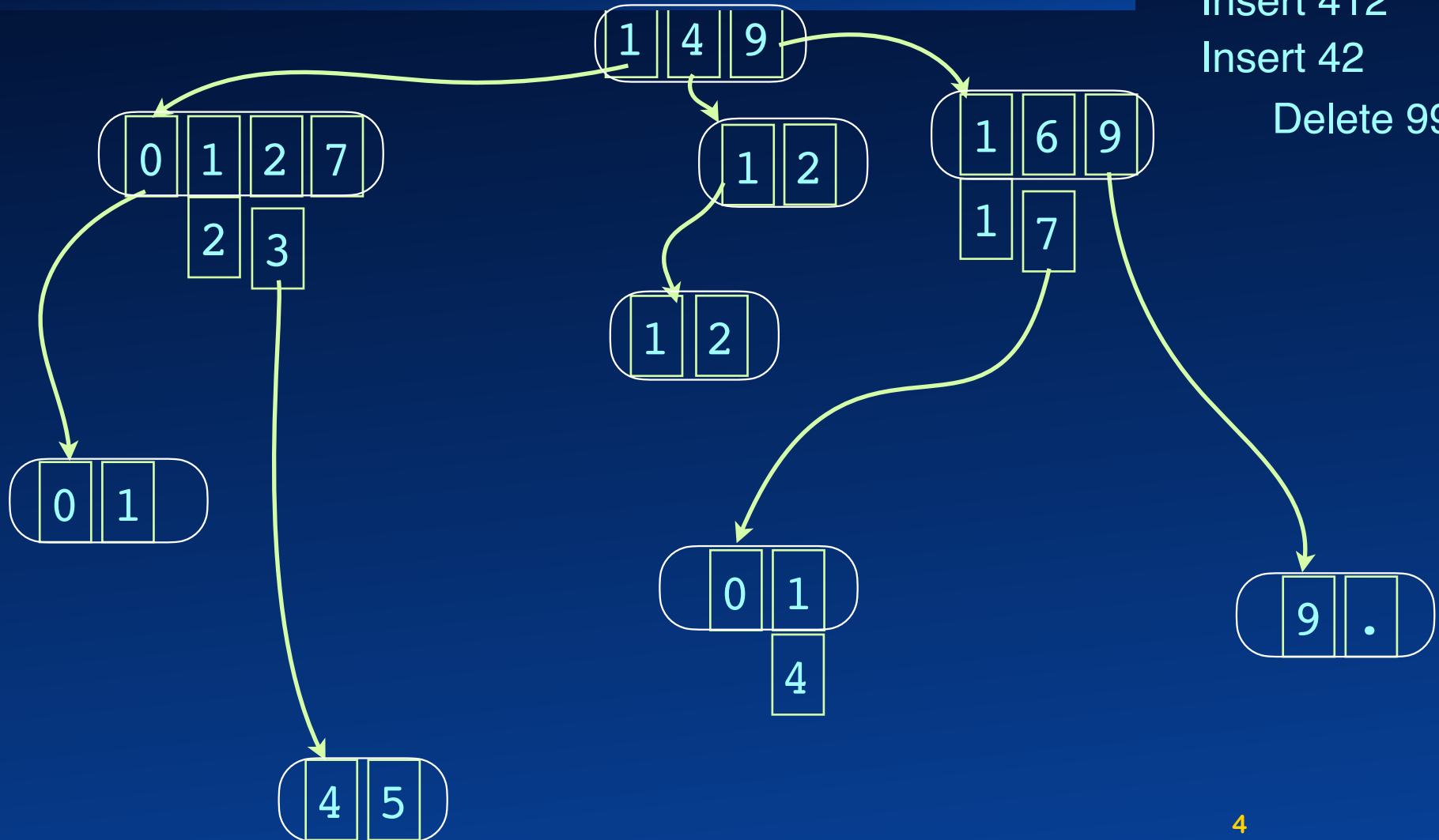
Trie Update

100,101,112, 1234,1235, 17, 411, 911, 9670, 96714, 99, 999

Insert 412

Insert 42

Delete 99





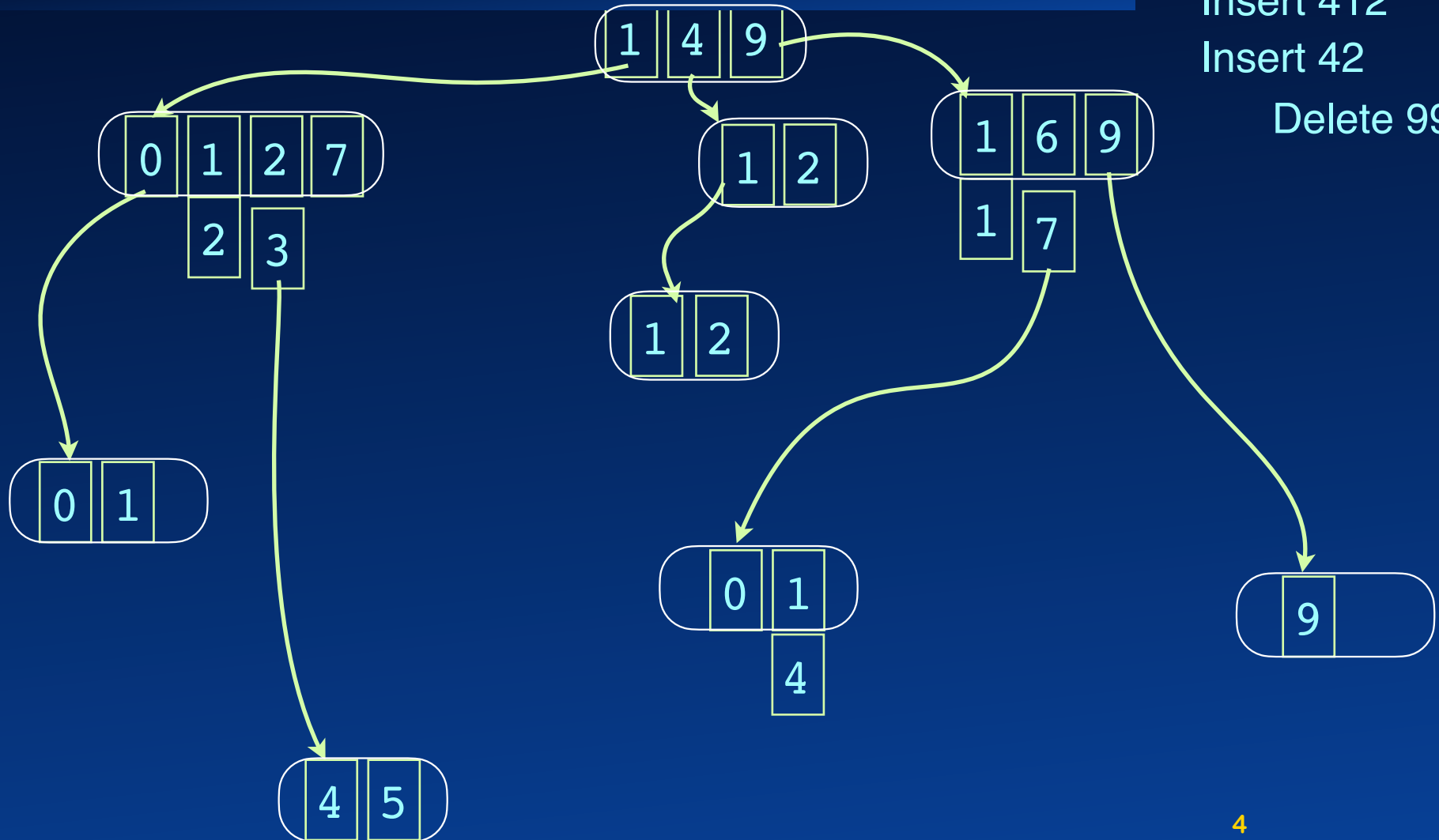
Trie Update

100,101,112, 1234,1235, 17, 411, 911, 9670, 96714, 99, 999

Insert 412

Insert 42

Delete 99





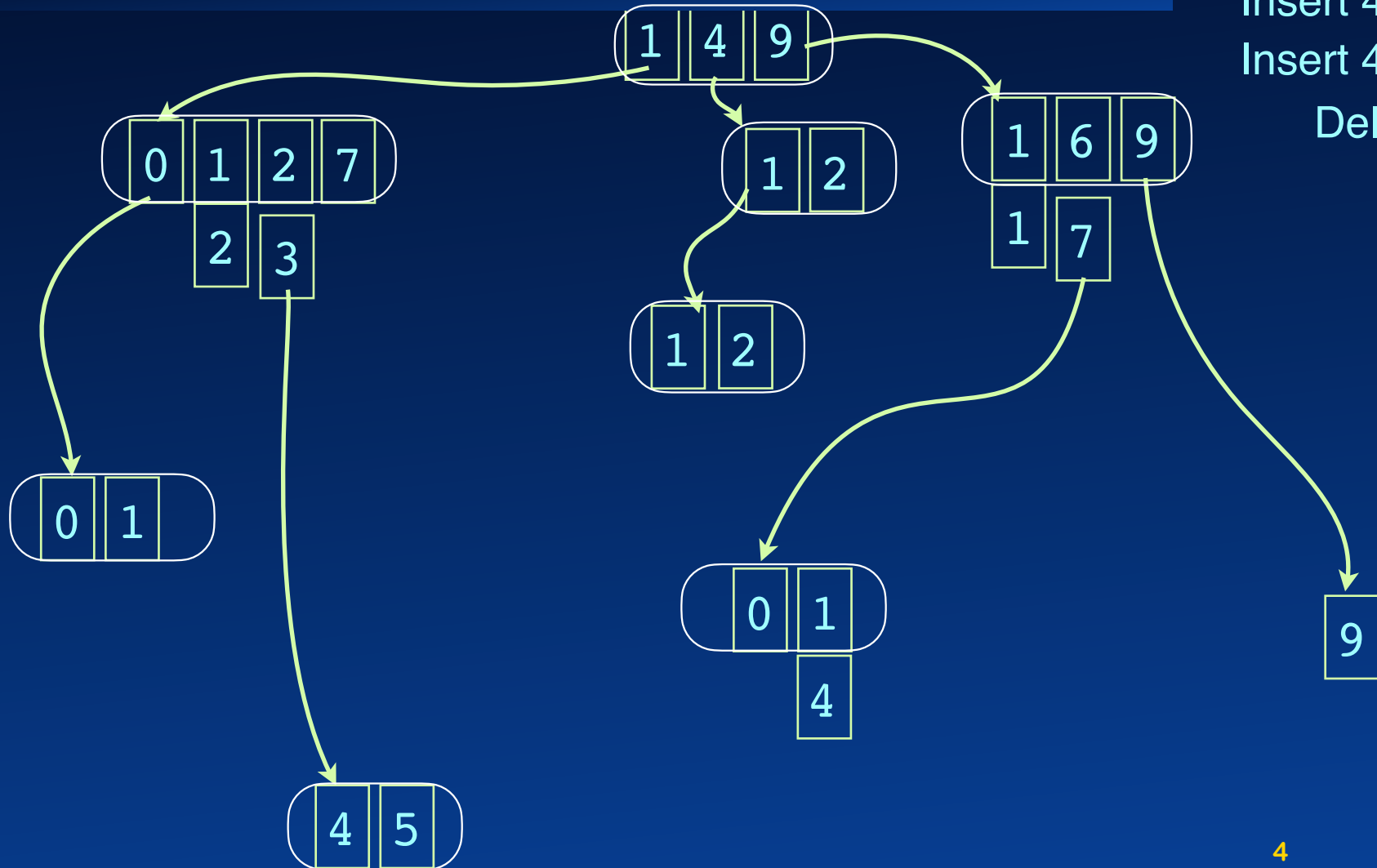
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Insert 412

Insert 42

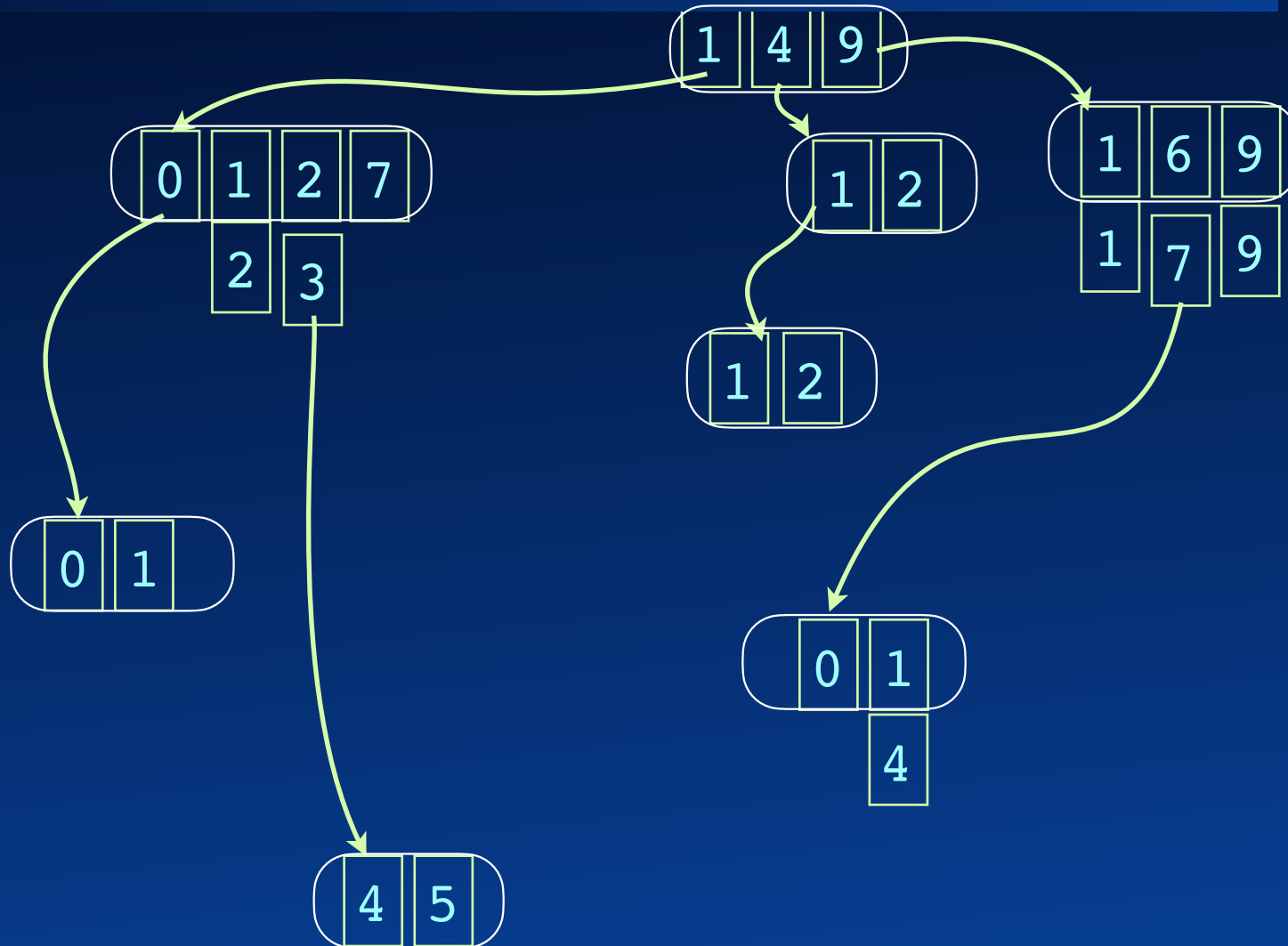
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Trie Update

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Insert 412

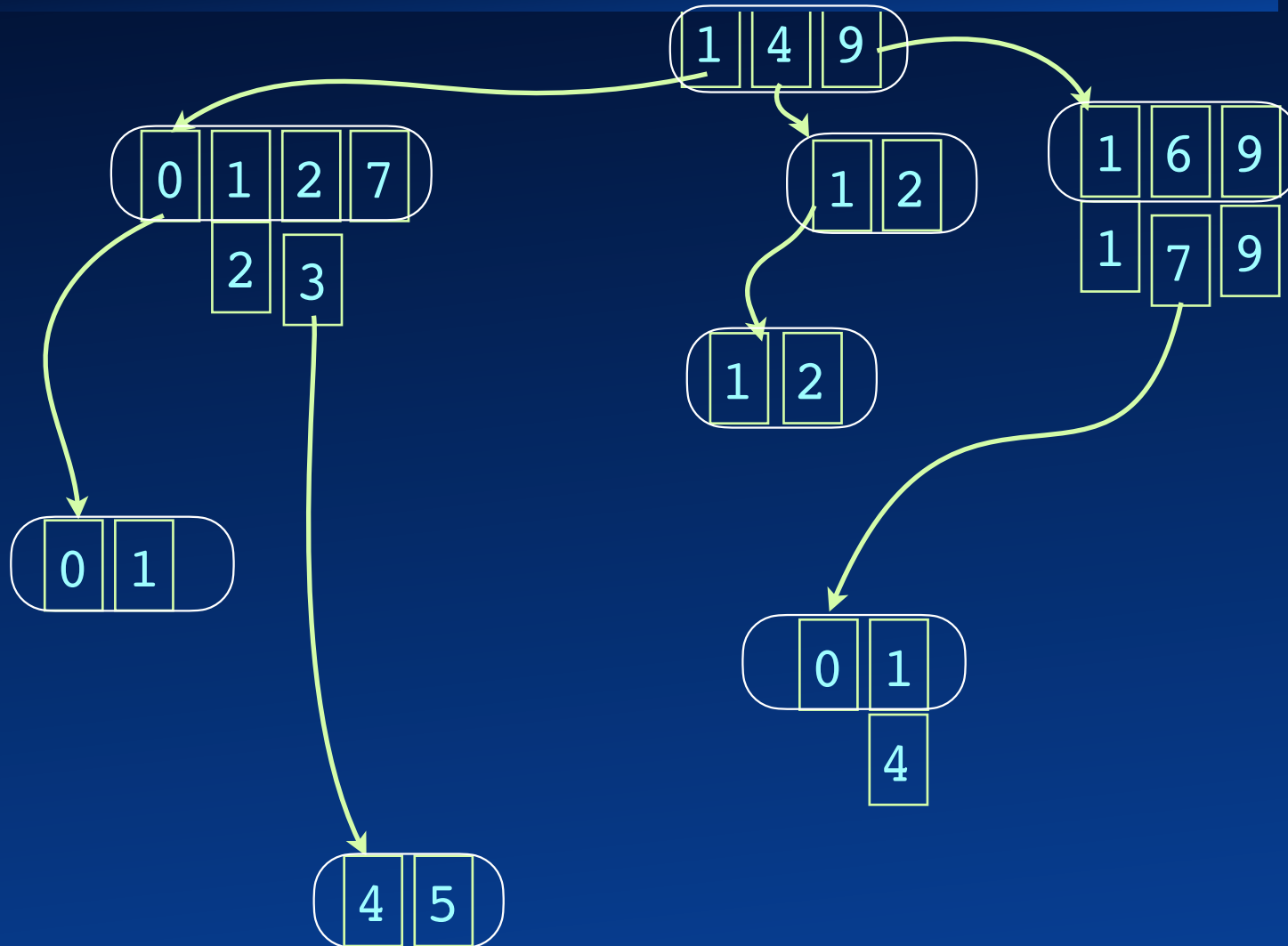
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Delete 99



Trie Update

100,101,112, 1234,1235, 17, 411, 911, 9670, 96714, 99, 999



Insert 412

Insert 42

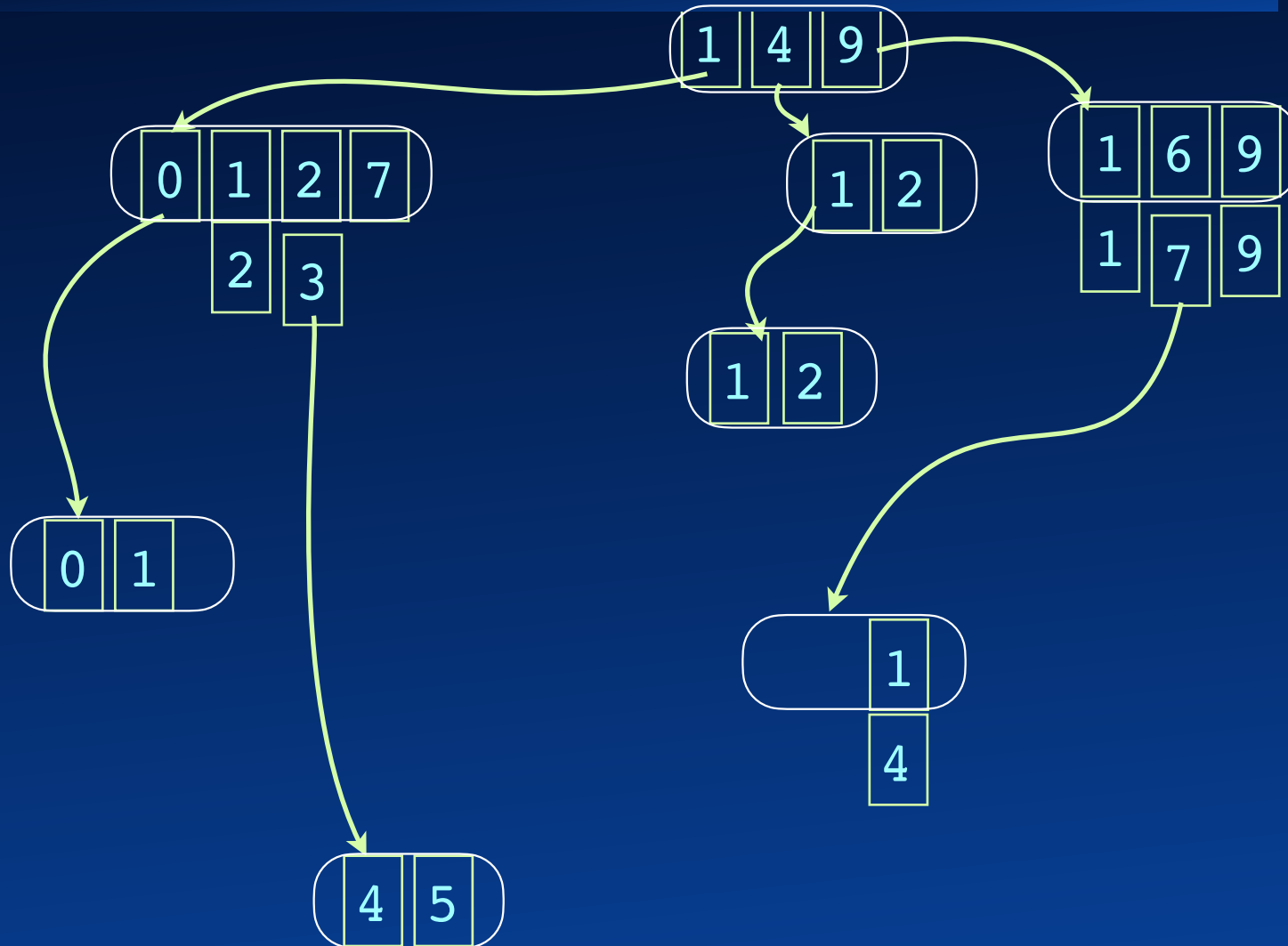
Delete 99

Delete 960



Trie Update

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Insert 412

Insert 42

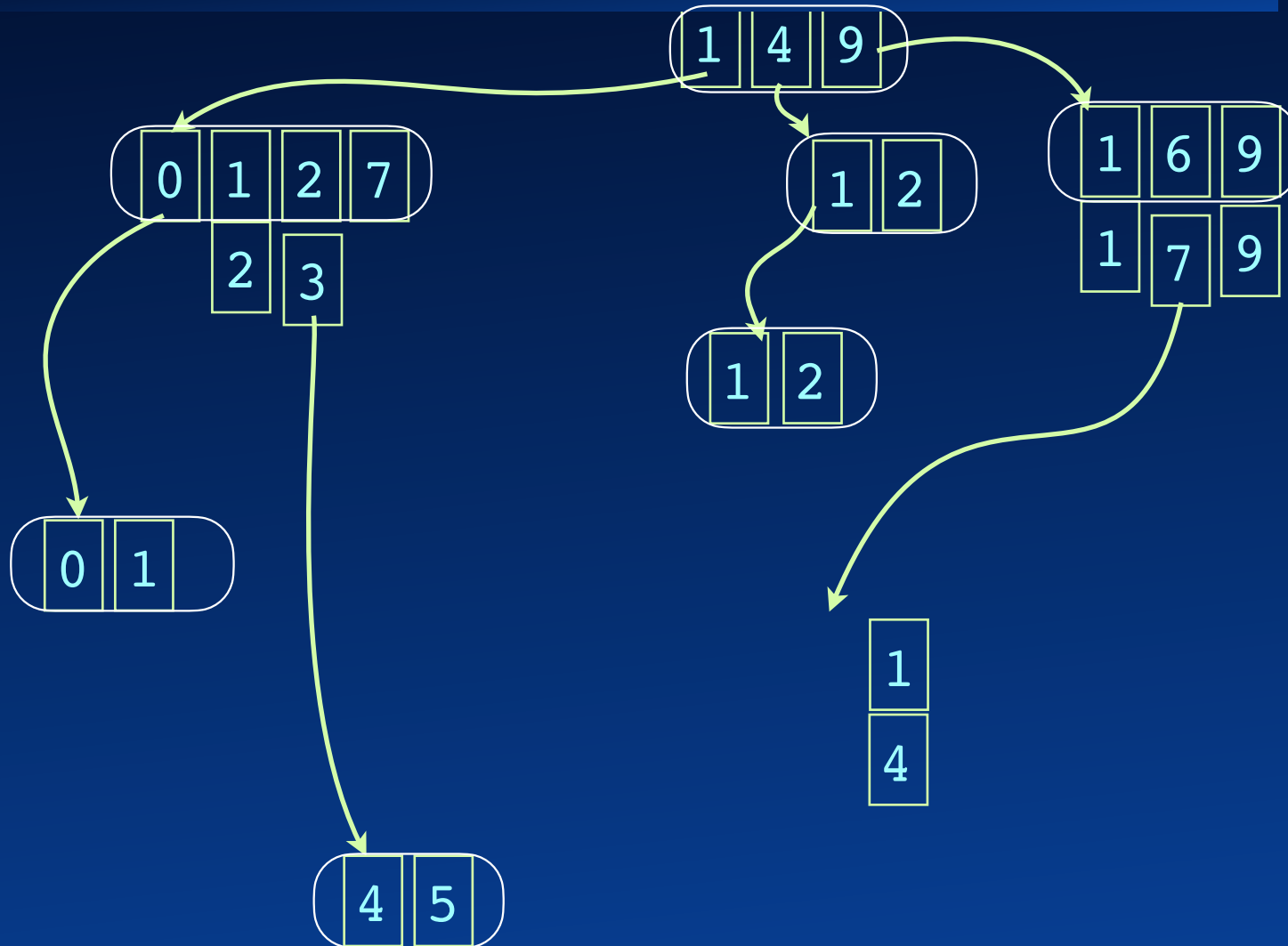
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Delete 960



Trie Update

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Insert 412

Insert 42

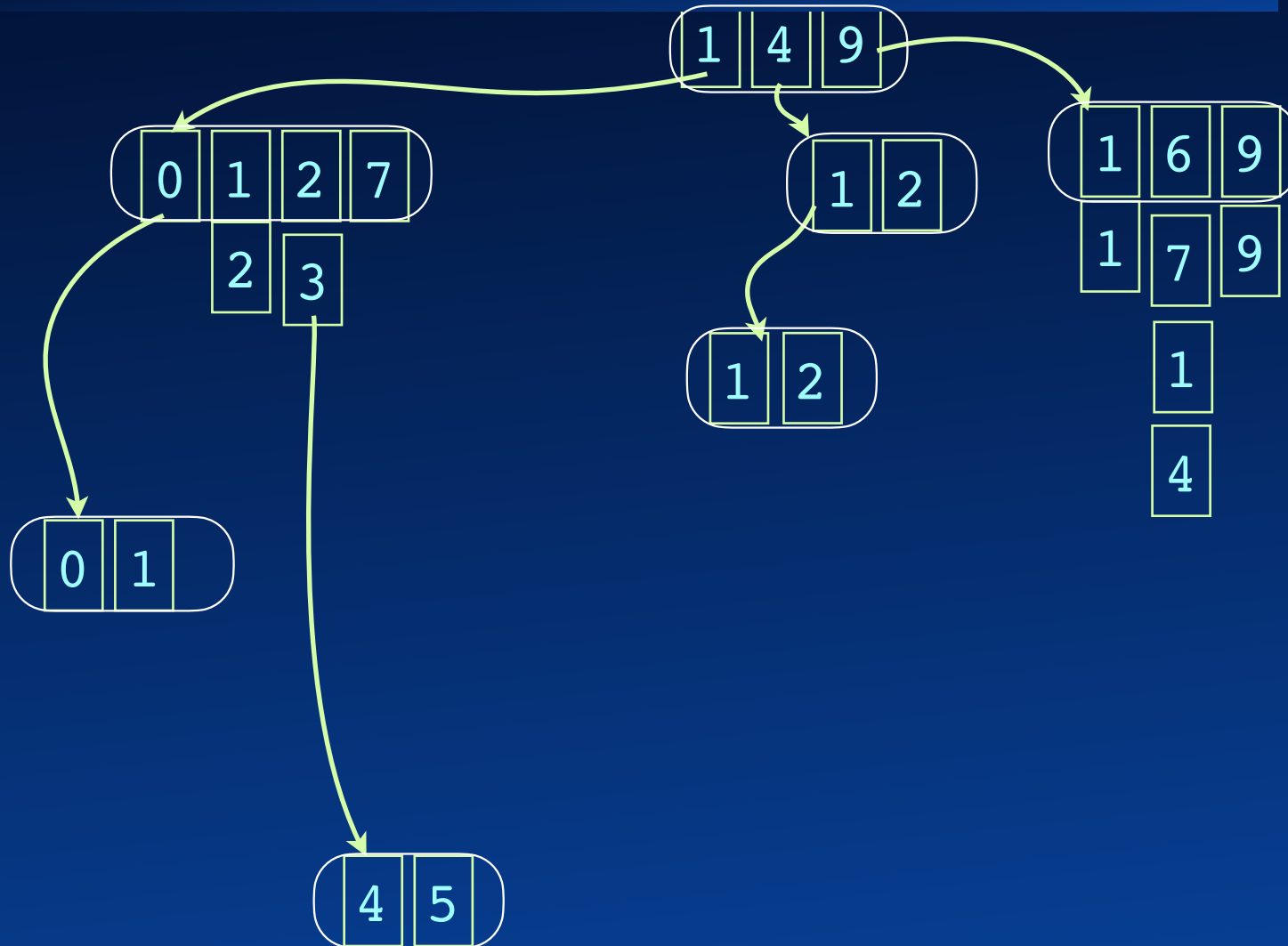
Delete 99

Delete 960



Trie Update

100,101,112, 1234,1235, 17, 411, 911, 9670, 96714, 99, 999



Insert 412

Insert 42

Delete 99

Delete 960