CS 202, Spring 2021
Homework #4- Balanced Search Trees, Hashing and Graphs

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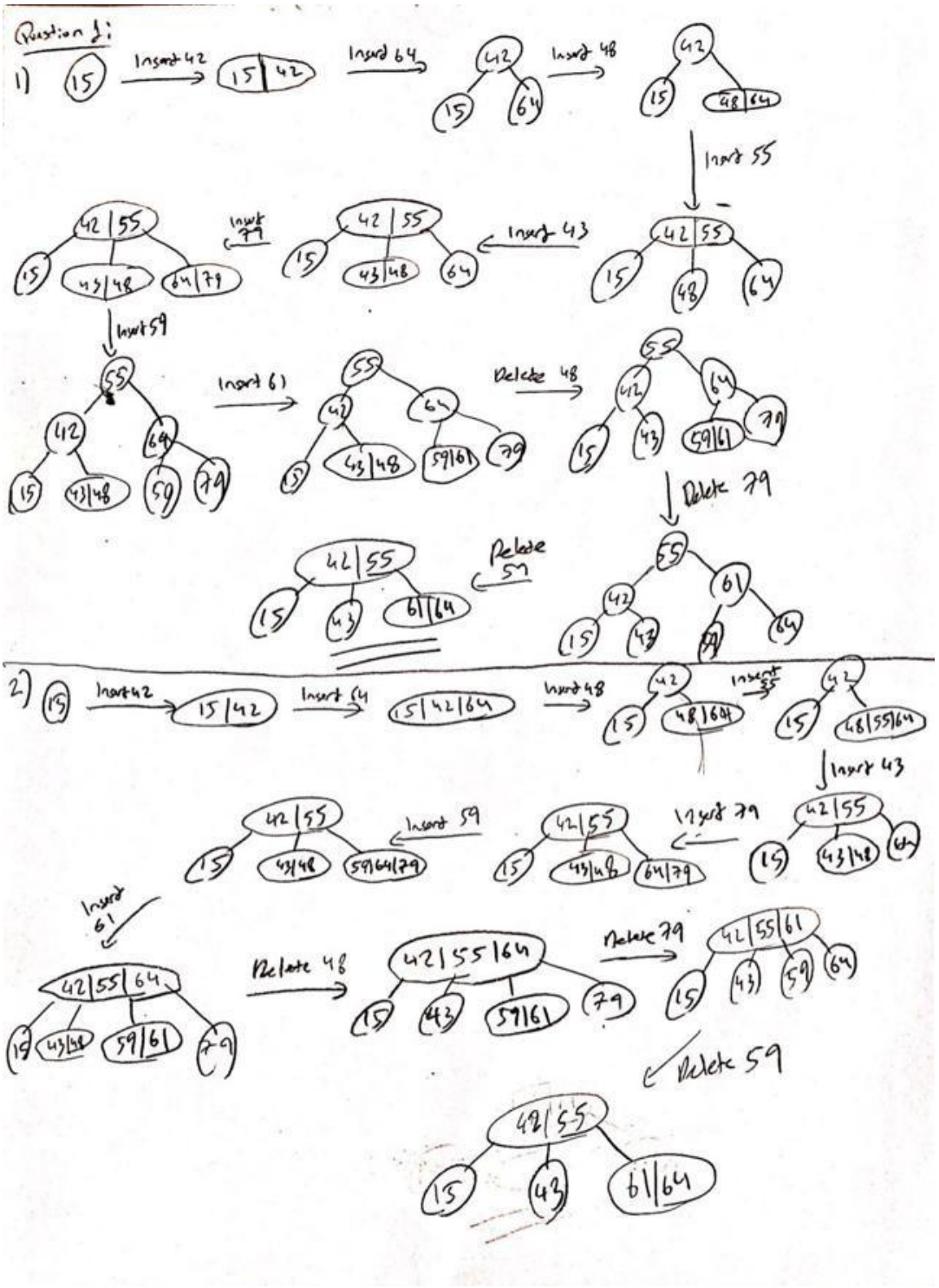
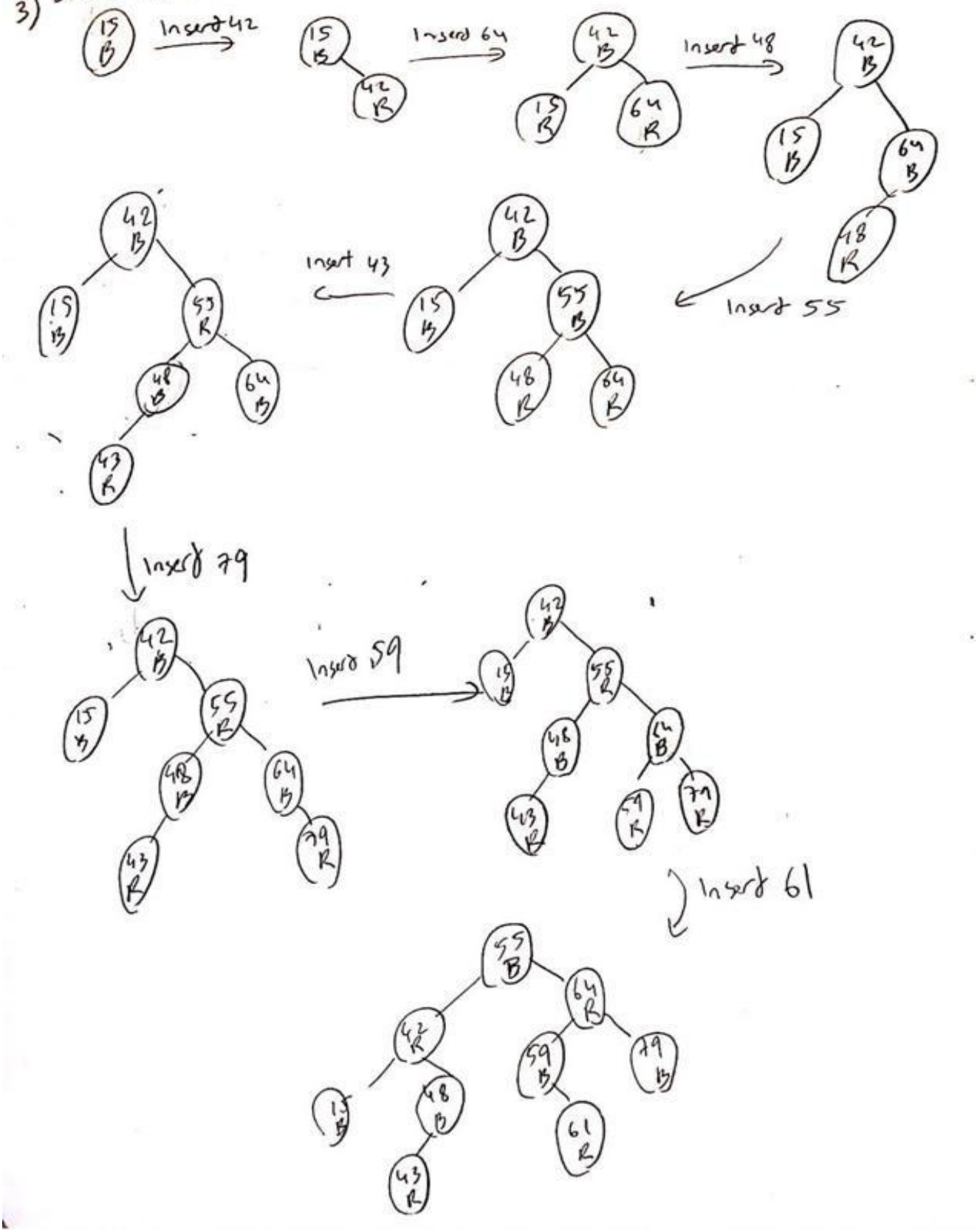
Section 03

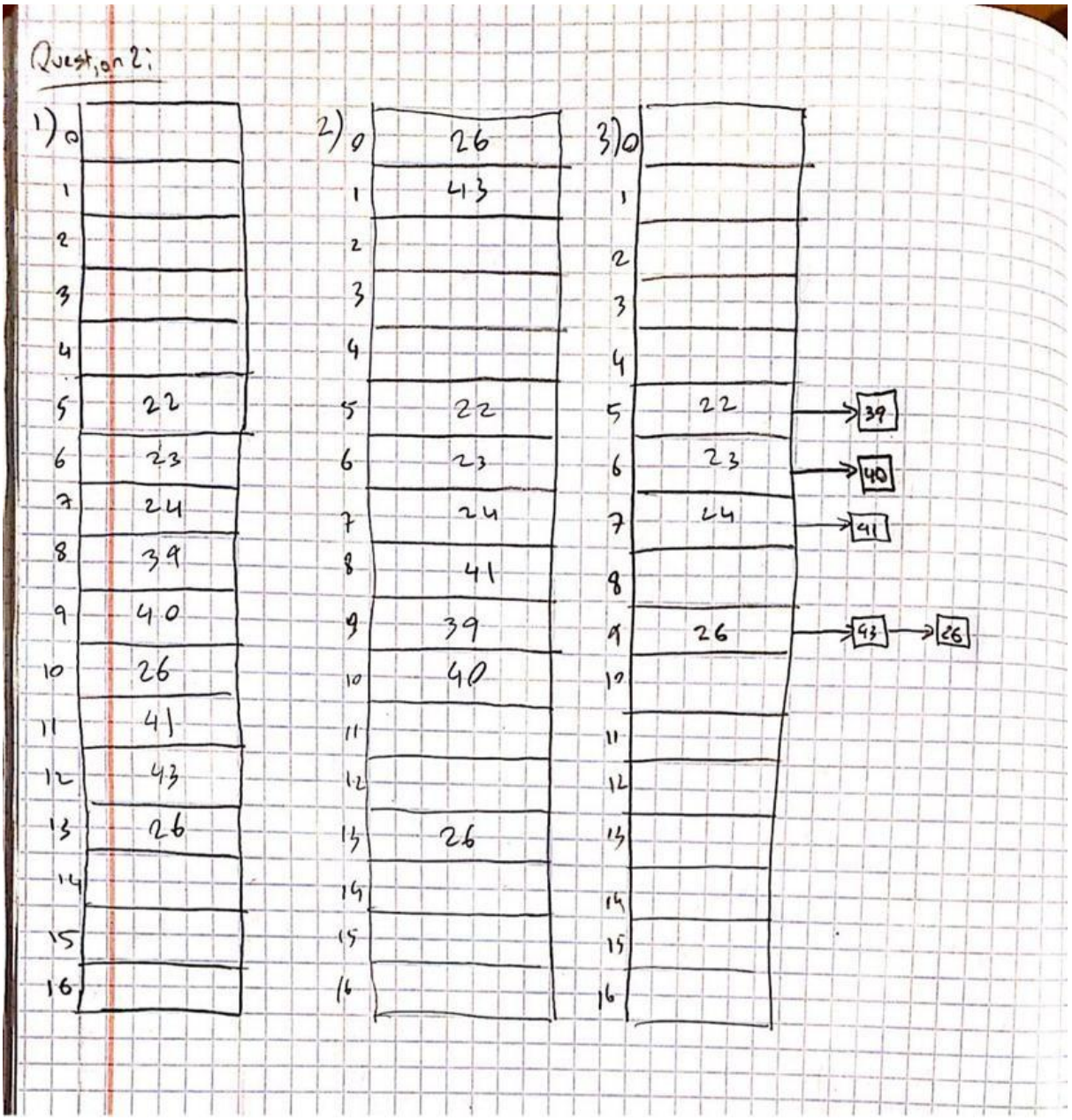
Question 1:



3) B: Black R: Red



Question 2:


Question 2:
1)
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1
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3
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5 22
6 23
7 24
8 39
9 40
10 26
11 41
12 43
13 26
14
15
16
2)
0 26
1 43
2
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5 22
6 23
7 24
8 41
9 39
10 40
11
12
13 26
14
15
16
3)
0
1
2
3
4
5 22 → 39
6 23 → 40
7 24 → 41
8
9 26 → 43 → 26
10
11
12
13
14
15
16