

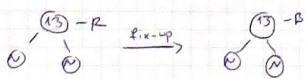
Problem 10.1

Valdim Smolej

Values to be inserted [13, 44, 37, 7, 22, 16]

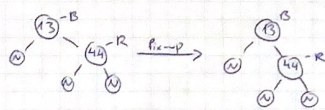
① Insert 13

Since tree is empty, 13 is root

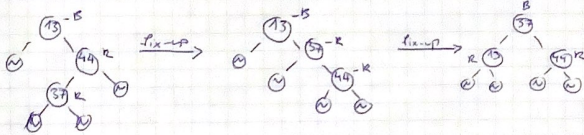


(Note: I put small letters nearby nodes to indicate its colour)

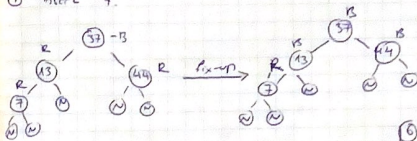
② Insert 44



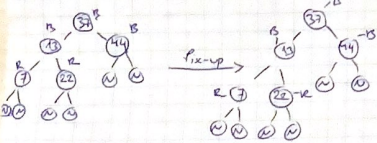
③ Insert 37



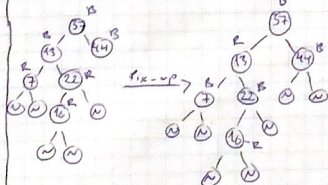
④ Insert 7



⑤ Insert 22



⑥ Insert 16



Problem 10.2

Valdim Smolej

There are 4 existing combinations that would work

