

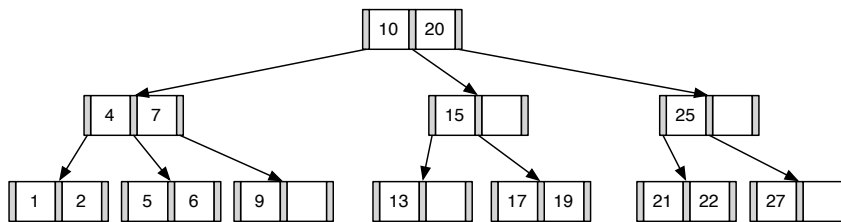


Exercise for *Database System Concepts for Non-Computer Scientist* im  
WiSe 18/19

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<http://db.in.tum.de/teaching/ws1819/DBSandere/?lang=en>

Sheet 12

Exercise 1



Insert 14, 18 and then 3 into the depicted B-Tree (degree  $i = 1$ ).

Exercise 2

Give a permutation of the numbers 1 to 24, such that when inserted into an empty B-Tree (degree  $i = 2$ ) the height of the tree (number of layers) of the B-Tree is minimal. Draw the resulting tree.