ADS Homework 9

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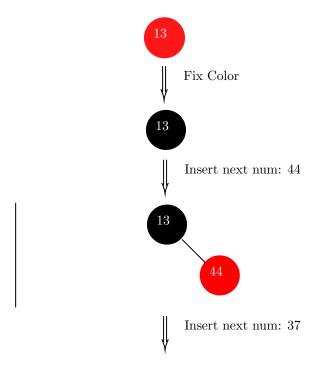
April 2020

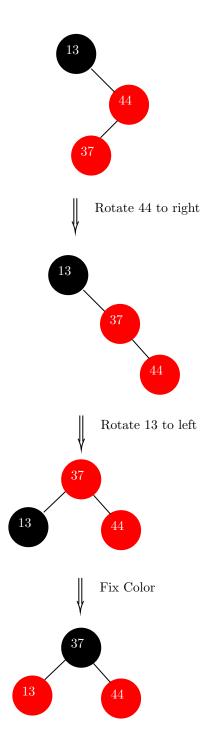
1 Problem 9.1

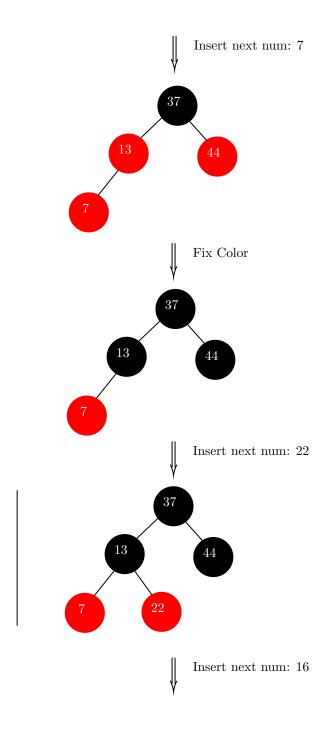
1.1

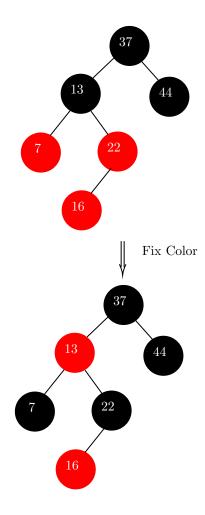
The required step by step drawing of the Red-Black Tree is as follows;

Insert first num: 13 in red



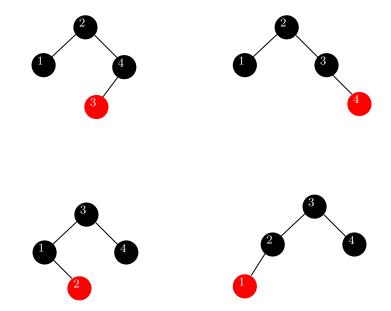






1.2

The possible red-black trees that stores the value 1,2,3,4 are as follows:



2 Problem 9.2

Please check the attached files rbt.cpp, rbt.h and testrbt.cpp.