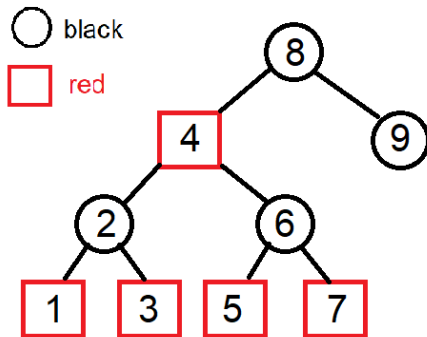


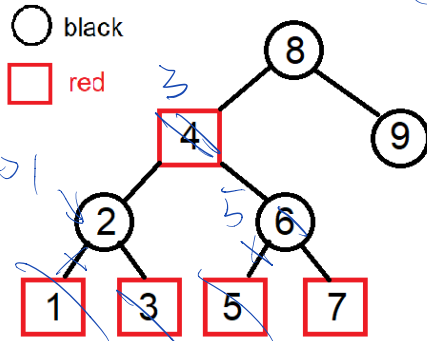
Delete Practice SOLUTION PAGE

Delete 1, 3, 5, or 7



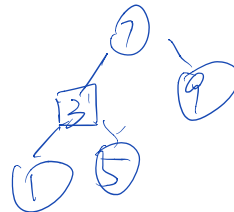
Red leaf - trivial
return null

Delete 2, 4, 6, or 8

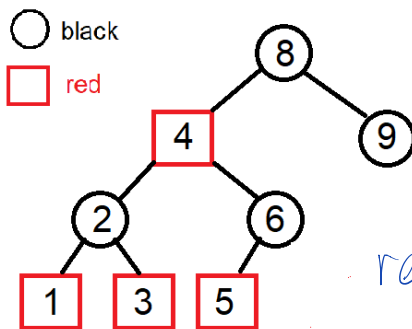


(with 2 children)

replaced with in order
successor predecessor



Delete 6

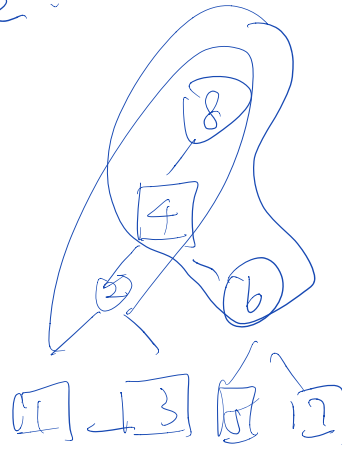
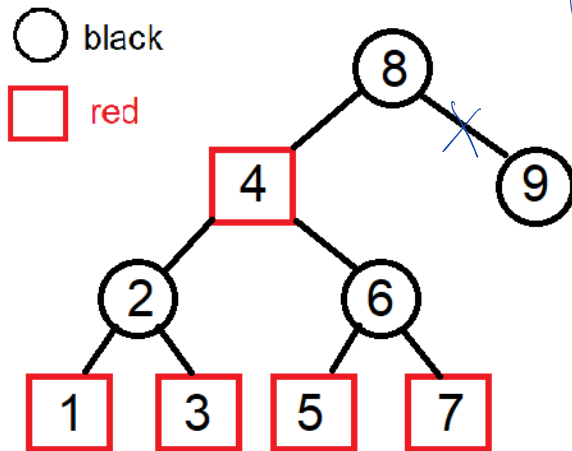


(b) node with one child

removes link to and color → black

RBT Delete II

Delete 9

delete blank leaf node ~*will be a double zig*

Version Control

In the beginning...

Backup Hello.java
Hello1.java

Version Control systems — automate

<https://bitbucket.org/product/version-control-software>

CVS

SVN

Mercurial

git

Distributed vs Centralized

Git and GitHub

git commands

- clone - get a copy of all files and all commits (changes) to those files
- status
- log
- init
- config
- add
- commit
- push
- pull

GitHub (in-class exercise)

1. create a GitHub.com account with wisc.edu (remember your GitHub user name)
2. install Student Pack (unlimited free private repositories)
3. create a private repository
4. Remote connect to your CS account (has git installed already)
5. clone your repository to your your CS account
6. CREATE SOME NEW CONTENT
7. add
8. commit
9. push your changes to your GitHub.com repository
10. add a classmate as a collaborator to your repo