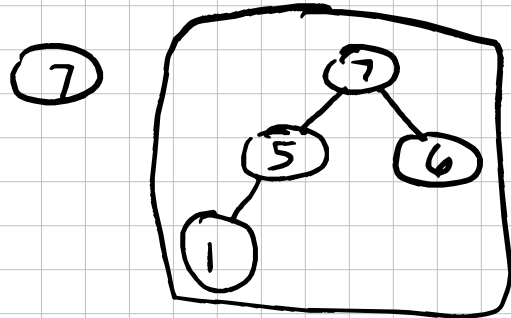
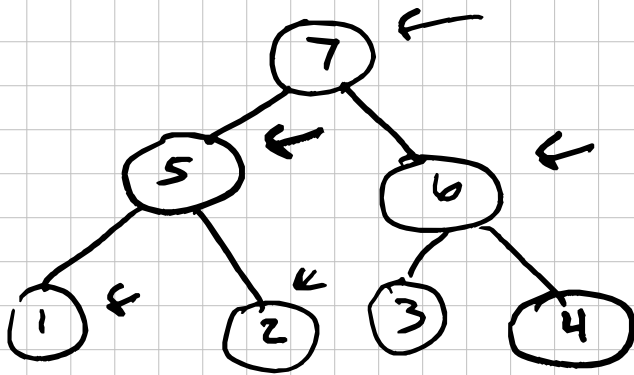


CSE114A Lecture 8

agenda:

- more with user-defined data types (product/sum/recursive types)
 - Binary tree example
 - the very useful Maybe type
- Tail recursion review
 - 'where' clauses
- back to our toy arithmetic language

Announcement: code walks! may 1-7



data Tree = JustLeaf Int
NodeTree Int Tree Tree

```
NodeTree 7 (NodeTree 5 (JL 1) (JL 2))  
           (NodeTree 6 (JL 3) (JL 4))
```