Objectives for 11/10/2017 (Fri)

Trees

- Terminology
 - root, child, subtree, ...
- Types of trees
 - binary tree, binary search tree (BST), n-ary tree (any # of children)
- Operations
 - _ create_node(), insert(), ...
 - We also covered how to use an initializer expression to specify fields for a tree node on the heap.

```
TreeNode temp_node = {
    .value=...,
    .left=...,
    .right=...
};
TreeNode* new_node = malloc(sizeof(*new_node));
*new_node = temp_node;
```

these are are bin ary trees rees Kroot + child wright subtree

Trees in general

root I 100 t insert (...,2)

Note about HW12

