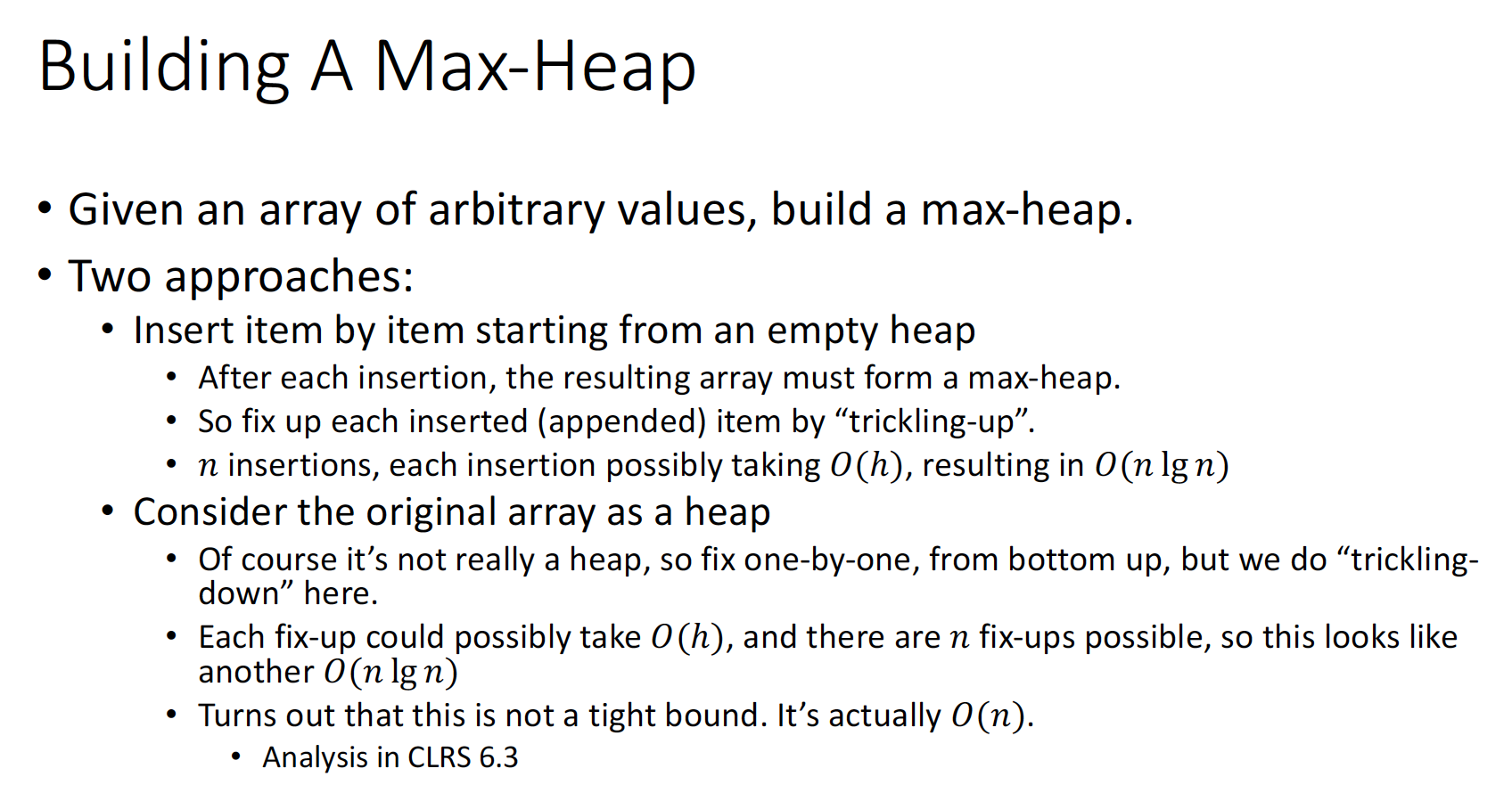
A screenshot of a cell phone

Description automatically generated



Why it is actually O(n)

A screenshot of a cell phone

Description automatically generated

Could you explain the sub-lemma and the last BP

A screenshot of a cell phone

Description automatically generated

If Z’s right subtree does not have the left most leaf, how to solve this problem?

A screenshot of a cell phone

Description automatically generated

Why the key 14 is into slot 9?

A close up of a map

Description automatically generated

Do not understand the whole page

A screenshot of a cell phone

Description automatically generated

第四个bp不懂

A screenshot of a cell phone

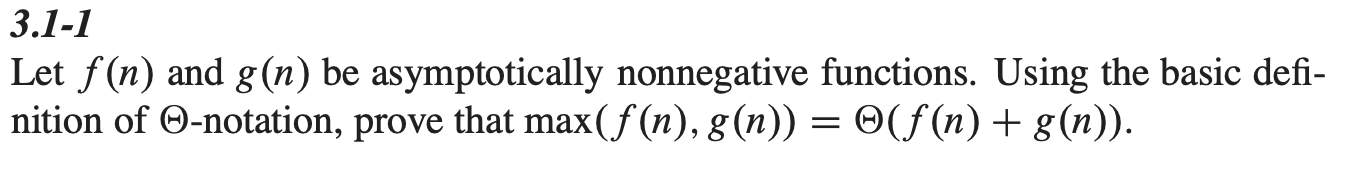
Description automatically generated

My solution is try to find all the possible combinations of activities, and then try to find the maximum value of these combinations. The time complexity is O(n^2)

Still confused about the cut and paste technique!!!

2-2.3??

a **loop invariant** is a property of a [program](https://en.wikipedia.org/wiki/Computer_program) [loop](https://en.wikipedia.org/wiki/Control_flow#Loops) that is true before (and after) each iteration



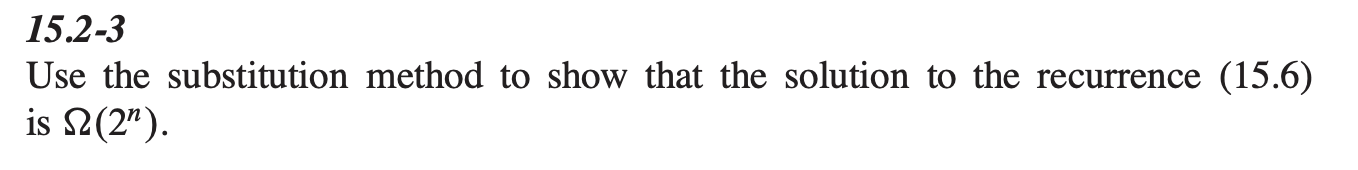
A close up of a map

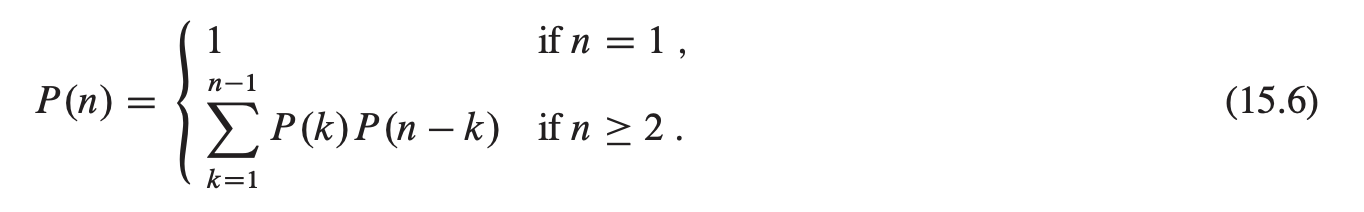
Description automatically generated

Do not understand this pic.

**Do not understand The substitution method for solving recurrences**

Time complexities of insert/delete/search algorithms on sorted/unsorted arrays/linked lists

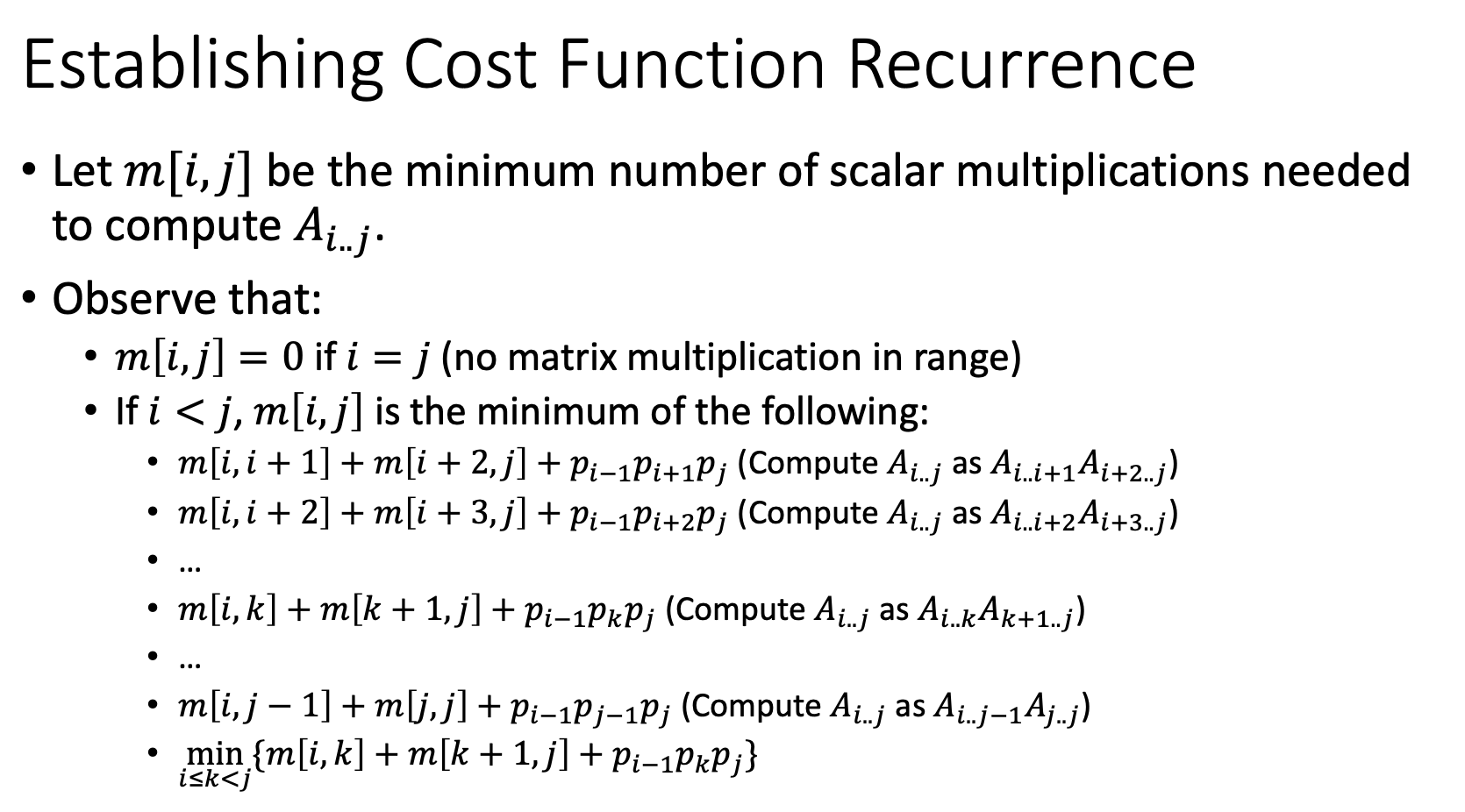




A screenshot of a cell phone

Description automatically generated

Do not understand the last BP?



A screenshot of text

Description automatically generated

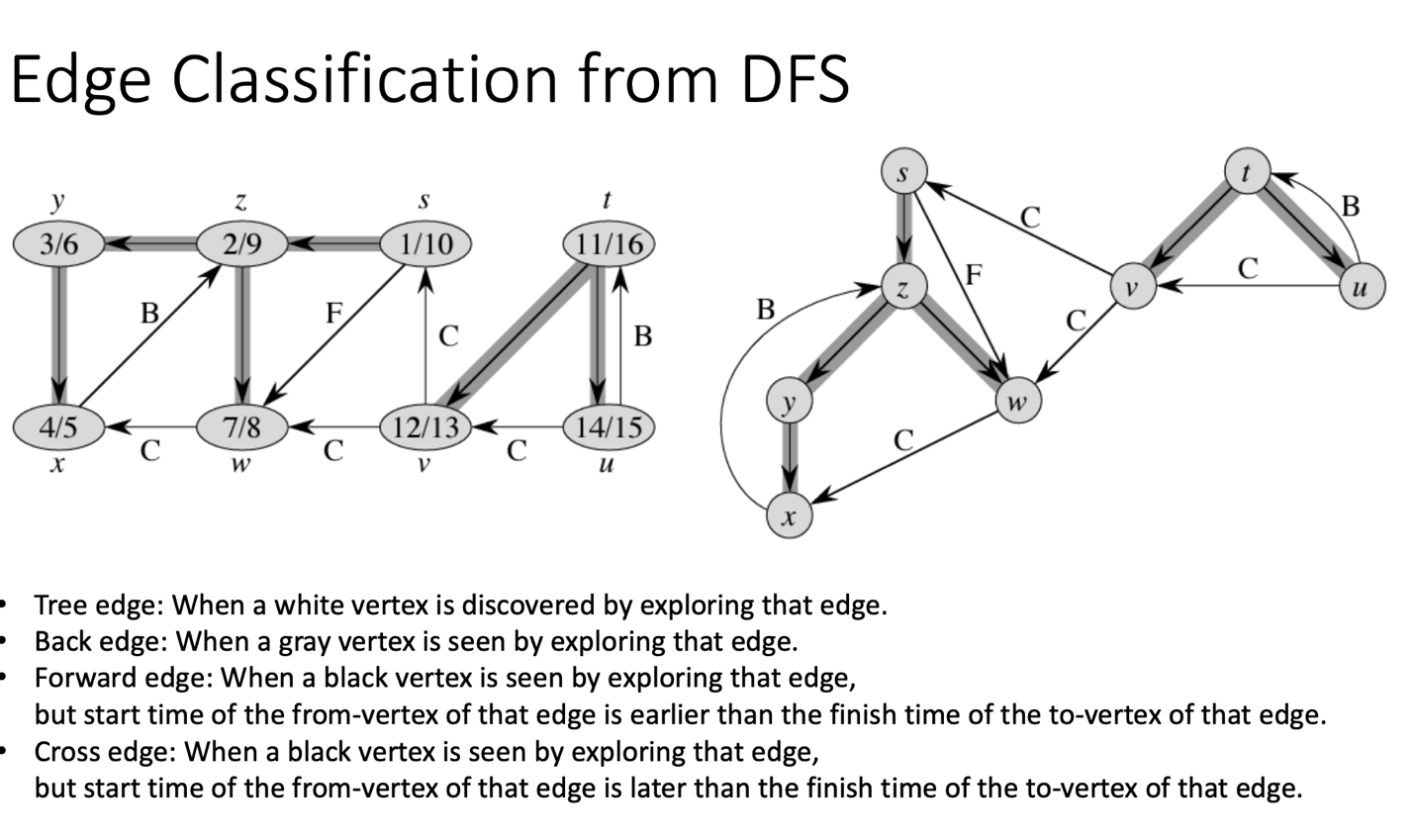
A screenshot of text

Description automatically generated

A screenshot of a cell phone

Description automatically generated

Do not understand second BP’s bp



A screenshot of a cell phone

Description automatically generated

What is w/h

A screenshot of a cell phone

Description automatically generated

Could you explain the last 4 bp?

A screenshot of text

Description automatically generated

What is ‘find a cut that respects A’, what is ‘all edges crossing the cut’

A close up of a device

Description automatically generated

Why O (1) for find-set

Why the running time of Kruskal algorithm is O (E\*lgV)

A screenshot of a cell phone

Description automatically generated

Can you explain this code?

A screenshot of a cell phone

Description automatically generated

‘which will give yes or no’. can you explain this?

A close up of a logo

Description automatically generated

Could you explain this page to me

A screenshot of a cell phone

Description automatically generated

Can you explain this page

What is the overflow bucket

A picture containing bird

Description automatically generated

Why need to split 1 bucket into 2 buckets if new record is added.

Could you explain the first question in assignment 4

What is locality of reference in B+ tree

A picture containing bird

Description automatically generated

Can you explain this page?

Can you explain the time complexity of search in B+ tree