Task 12.

Target:

- Implement tree class.

Resources:

- This is Recursion Slide: Link

Task:

Implement tree with this methods

First : methods in last task:

- **Insert(value) : add value to the tree.**
- **Find(value) : return true if value exist.**
- **Method that print items in (Preorder Traverse).**
- **Method that print items in (in order Traverse).**
- **Method that print items in (post order Traverse).**
- **Method that print all items in the tree in descending order.**
- **Max() : return the max element in the tree.**
- **Min: return the min element in the tree.**

Second: implement this new methods :

- **equals(tree) : method that return true if two trees are equals**
- **height() : method that return the height of the tree**
- **kthElementFromRoot() : method that take a number d and return array list contain the values of all nodes thar far d from the root.**
- **levelOrder() : print elements in level order.**

Deadline:

15/03/2024 at 11:59 PM

And no deadline for hackathon members.