When reporting statistics, we were given these specifications:

"The statistics to be reported are:
the number of nodes in the tree
the distance from the root to the closest null child pointer (the root is at distance 0)
the distance from the root to the furthest null child pointer (the root is at distance 0)"

Is there any exact format that you want us to follow or would something like the following (printed to standard output) suffice?

"Number of nodes in tree: 30
Distance from root to closest null child pointer: 3
Distance from root to furthest null child pointer: 7"

I just want to make sure that the formatting is ok.

That output would be fine.

What should the report look like for an empty tree?

Empty tree!
So instead if doing "nodes = 0, min height = 0, max height = 0" or something similar, we just write "Empty tree!" for the report? And for the show command, should we also write "Empty tree!" or should we show nothing and just print a newline?

Subject: Re: Reporting Statistics
Posted by nebrinda on Mon, 31 Oct 2016 02:20:17 GMT

If the tree is empty and the command s is entered, do you want empty tree again, or should we just ignore it?

Subject: Re: Reporting Statistics
Posted by lusli on Mon, 31 Oct 2016 11:23:17 GMT

^ Either is fine.