Management Tree Algorithm

Write a method that takes a list of employees and displays employees in a management tree.
An employee has an ID, name and manager ID.

Example:

ID	Name	Manager Id
10	Tom	0
2	Mickey	10
3	Jerry	10
7	John	2
5	Sarah	10

Expected output:

```
->Tom
->->Jerry
->->Mickey
->->->John
->->Sarah
```

The method `displayManagementTree` displays the management tree.
For each level of management there is extra indentation to show who manages who.

- The tree must start from the root manager. The root manager will have a manager ID equal to 0. There is only 1 root manager.
- The root manager must have 1 set of indentation characters, '->'.
  For example, ->Tom
- If an employee has a manager, then they must be displayed below their manager.
- For every level management, there must be another set of indentation characters, '->'.

Your function can be written in Java.

Run the solution to see the output of the test values in a console window.

Start your method with this signature:
`void displayManagementTree(List<Employee>)`

You will have 1 hour to complete your function.

Please take note of the actual time taken to answer the question.

Please send the answer to us

You can access the Internet during the exercise.

Given an alternative set of input data – this is the output….

```
->Jerry
->->Philip
->->->David
->->->->Alice
->->->->->John
->->->->Mike
->->->Ken
->->->->Peter
->->->Tom
->->Stacie
```