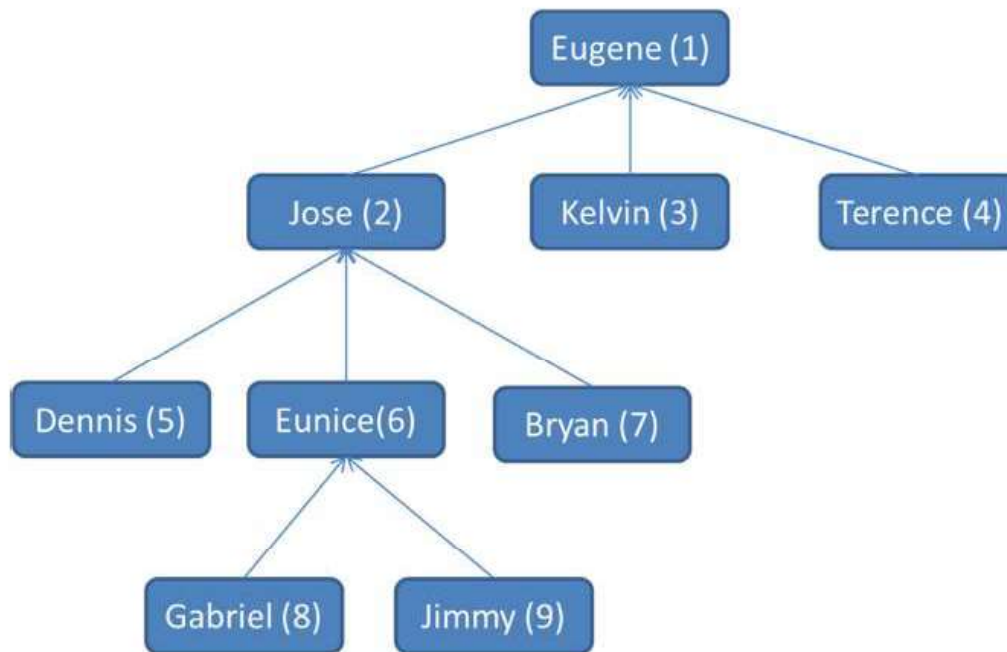


The Question:

Infotech is a company which has CEO Eugene and a hierarchy of employees. Please implement the `shortestPath` method to find the shortest path between two employees.



Sample Data

CEO Eugene has 3 employees reporting to him: {Jose, Kelvin, Terence}

Jose has three reports {Dennis, Eunice, Bryan}

Kelvin has no reports {}

Terence has no reports {}

Dennis has no reports {}

Eunice has 2 reports {Gabriel, Jimmy}

Bryan has no reports {}

Gabriel has no reports {}

Jimmy has no reports {}

Sample calls

`shortestPath (Eugene, Gabriel, Jimmy) = Gabriel > Eunice > Jimmy`

`shortestPath (Eugene, Jimmy, Bryan) = Jimmy > Eunice > Jose > Bryan`

`shortestPath (Eugene, Jimmy, Kelvin) = Jimmy > Eunice > Jose > Eugene > Kelvin`

`shortestPath (Eugene, Eunice, Jimmy) = Eunice > Jimmy`