Coding assignment: Write code for the following specification. Submit the fully implemented Java classes and the method.
- A company has Employees. Each Employee has exactly ONE Manager. One Manager can have MAX 2 Employees reporting to him/her.
- A Manager is an Employee as well.
- An Employee has an id, a name, an address and a grade.
- Rank can be 1 to 5.
    o 1 = Employee
    o 2 = Manager of rank 1
    o 3 = Manager of rank 2
    o 4 = Manager of rank 3
    o 5 = Manager of rank 4
- Design and Implement classes/interfaces for these specifications.
- Write a method which takes 2 employees as inputs, and find out the name of their lowest ranked common manager.

Example- In the following example, given E12 and E22, it should return name of E40. Similarly, given E32 and E19, it should return name of 41.

| Employee   | Manager |
|------------|---------|
| E11        | E20     |
| E12        | E21     |
| E13, E14   | E22     |
| E15        | E23     |
| E16, E17   | E24     |
| E18, E19   | E25     |
| E20, E21   | E30     |
| E22        | E31     |
| E23        | E32     |
| E24, E25   | E33     |
| E30, E31   | E40     |
| E32, E33   | E41     |
| E40, E41   | E50     |