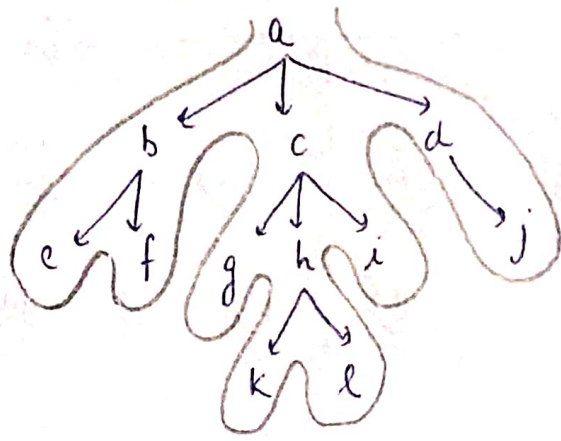
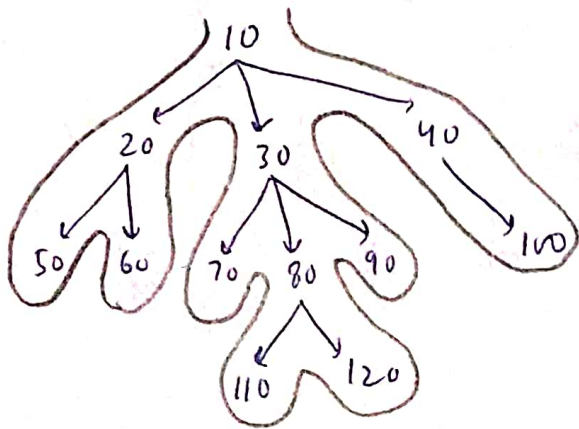


ARE TREES SIMILAR IN SHAPE



Hume yeh batana hai ki dono trees same hai ya nahi?
Agar dono same toh return TRUE, and if not the FALSE.

as [10, a] → dono same hone
↓
aresimilar ki conditions

no. of children same ho
corresponding child apas me
same shape ka ho
∴ as[20, b], as[30, c],
as[40, d]

Code

```
public static boolean aresimilar (Node n1, Node n2)
{
    if (n1.children.size() != n2.children.size())
    {
        return false;
    }

    for (int i = 0; i < n1.children.size(); i++)
    {
        Node c1 = n1.children.get(i);
        Node c2 = n2.children.get(i);
        if (aresimilar(c1, c2) == false)
        {
            return false;
        }
    }

    return true;
}
```