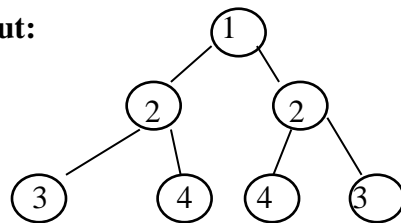


## Practice Assignment-2

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1. Write a program to construct a binary tree from the given set of keys. Your program should have the functionality to check whether the constructed tree is *symmetrical* or not? A *symmetrical* tree is one in which left sub-tree of root is mirror reflection of the right sub-tree of the root.

**Sample Input:**



**Sample Output:**

*The given tree is a symmetrical tree.*

2. Consider that a town is divided into  $mn$  non interleaving grid and represented by a  $m \times n$  ( $1 \leq m, n \leq 6$ ) binary matrix. In that matrix '1' represents that the plot is free and '0' represents that the plot is acquired. Write a program to find out the maximum available square plot area in that town.

**Sample Input:**

```
1 0 1 0 0
1 0 0 1 1
1 1 1 1 1
1 0 0 1 0
```

**Sample Output:**

4