```
m: min depth of binary trees = 4;
build a binary tree with a depth n + 1, and delete it;
build a long lived binary tree with a depth n;
for each i ∈ [m, n] do
for each i ∈ [1, 2<sup>(n-i+m)</sup>] do
```

9: check the love lived tree exists, and delete it;

build a binary tree with a depth i, and delete it;

Input: n: max depth of binary trees:.

6:

8: end for

end for