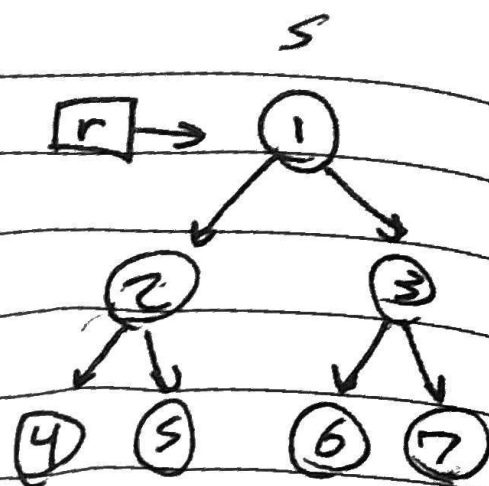
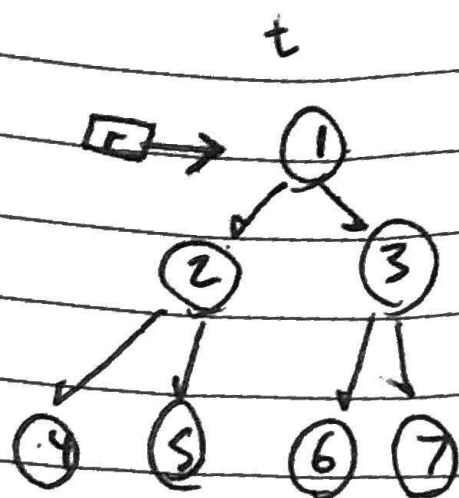


Date: / /



- check if sub-tree of "t"
and sub-tree of "s"
are equal.

- BINARY tree (at most
2 children per node!)

```
compare ( node * t , node * s ) {  
    if ( t and s are NULL )  
        return true
```

```
    if ( is only t or s is NULL )  
        return false
```

```
    if ( t != s )  
        return false
```

```
    else
```

```
        return compare ( left nodes )  
        && compare ( right nodes )
```

```
}
```

Test cases

both
t = NULL
s = NULL

both
null
inputs

true

t = NULL
s = ①

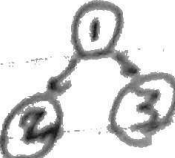
one
null input

false

t = ③
s = NULL

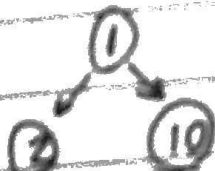
same as
above

false


t = 

tree

false

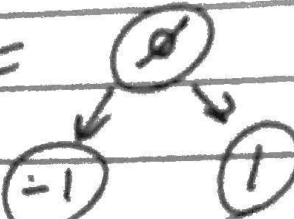
s = 

not
equal

t = 

comp
trees

true

s = 

in