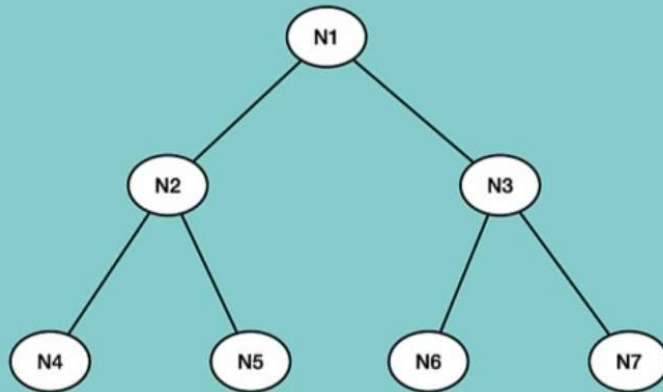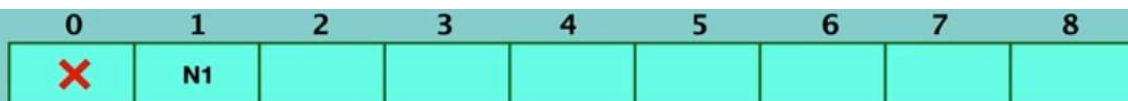# 14-1 CREATE A BINARY TREE USING PYTHON LIST

Saturday, June 4, 2022　　9:36 PM

Create Binary Tree using Python List

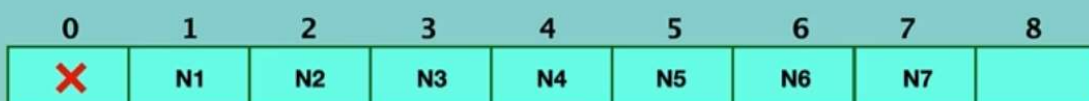CREATE AN EMTY LIST AND KEEP THE FIRST CELL(INDEX 0) EMPTY

0	1	2	3	4	5	6	7	8
✖	N1							

Left child = cell[2x]

Right child = cell[2x+1]

0	1	2	3	4	5	6	7	8
✖	N1	N2	N3	N4				

Left child = cell[2x] ⟶ x = 2, cell[2x2=4]

Right child = cell[2x+1] ⟶ x = 2, cell[2x2+1=5]

0	1	2	3	4	5	6	7	8
✖	N1	N2	N3	N4	N5	N6	N7	

Left child = cell[2x] ⟶ x = 3, cell[2x3=6]

Right child = cell[2x+1] ⟶ x = 3, cell[2x3+1=7]

Create Binary

newBT = BTclass()

Fixed size Python List

lastUsedIndex