While starting from zero index of array [size of array is number of nodes in tree]

Left = (2xi) +1

Right = (2xi) +2

Parent of child = (n-1)/2

While Starting from one index of array [size of array is number of nodes in tree + 1]

Left = 2xi

Right = (2xi) +1

Parent of child = n/2

# From Doubly LinkedList

|  |  |  |
| --- | --- | --- |
| Method  Call stack | Executed Line | Node as Parameter |
| preOrder(1) | 35 | ‘1’ |
| preOrder(2) | 35 | ‘2’ |
| preOrder(4) | 35 | ‘4’ |
| preOrder(null) | X | X |
| preOrder(null) | X | X |
| PreOrder(5) | 36 | ‘5’ |
| preOrder(null) | X | X |
| preOrder(null) | X | X |
|  |  |  |
|  |  |  |
|  |  |  |
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