Insert [● 9 ●] starting from the root
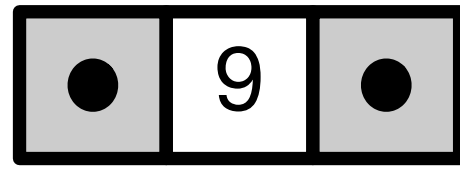
8

9 > 8,
go right

4

NULL

9 < 11,
go left

11

9 < 10,
go left

1

NULL   NULL

10

12

NULL   NULL

9