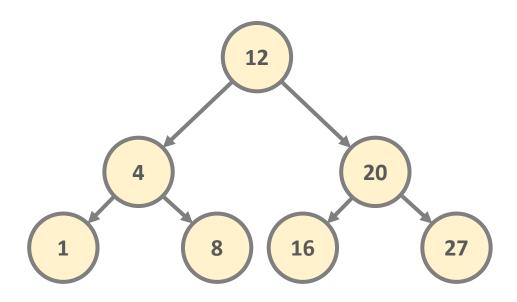
Stack Memory Visualization (Algorithmic Problems)

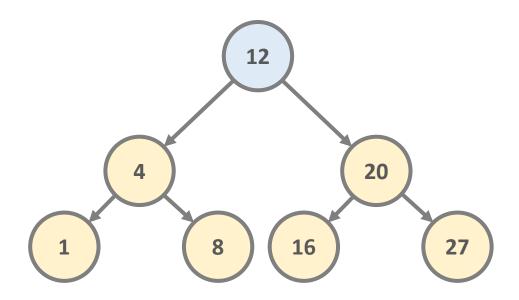


max(node):

if node right child is not NULL:
return max(node right child)

return node value



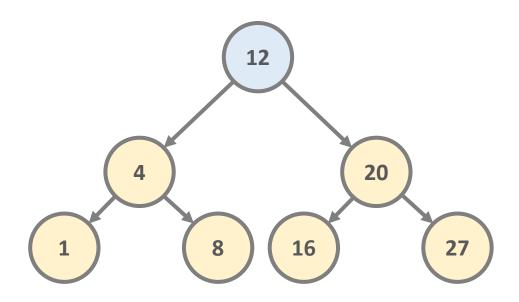


max(node):

if node right child is not NULL:
return max(node right child)

return node value

max(12)

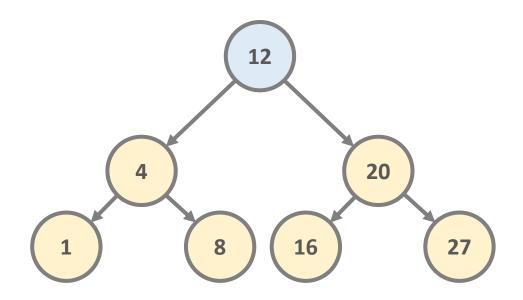


max(node):

if node right child is not NULL:
return max(node right child)

return node value

max(12)

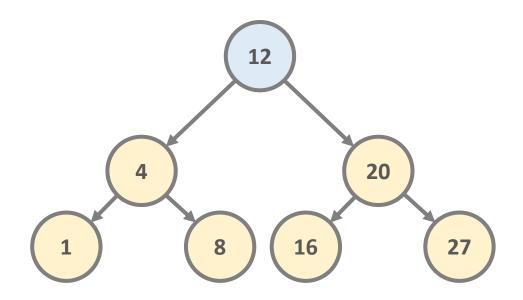


max(node):

if node right child is not NULL:
return max(node right child)

return node value

max(12)



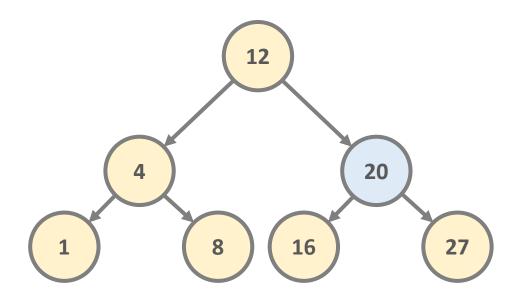
max(node):

if node right child is not NULL:
return max(node right child)

return node value

max(20)

max(12)



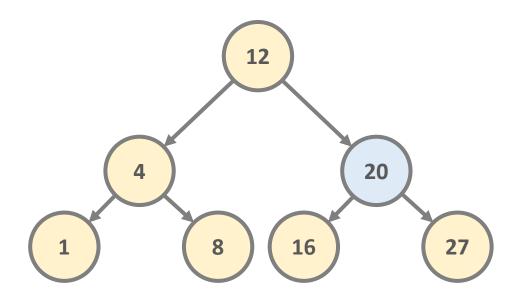
max(node):

if node right child is not NULL:
return max(node right child)

return node value

max(20)

max(12)



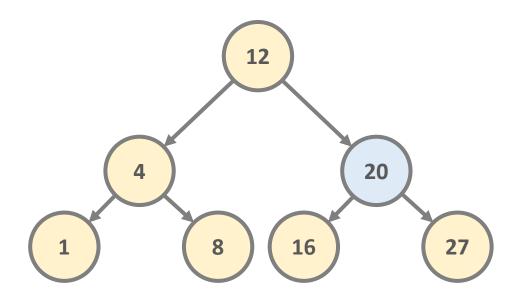
max(node):

if node right child is not NULL:
return max(node right child)

return node value

max(20)

max(12)



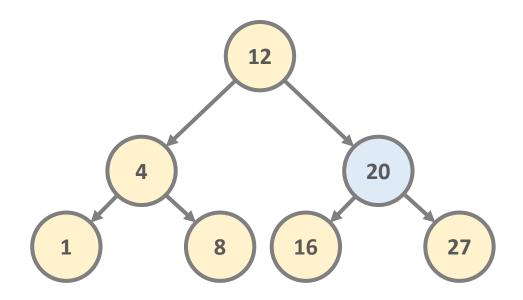
max(node):

if node right child is not NULL:
return max(node right child)

return node value

max(20)

max(12)



max(node):

if node right child is not NULL:
return max(node right child)

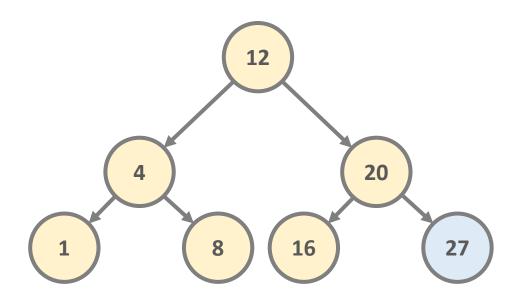
return node value

max(27)

max(20)

max(12)





max(node):

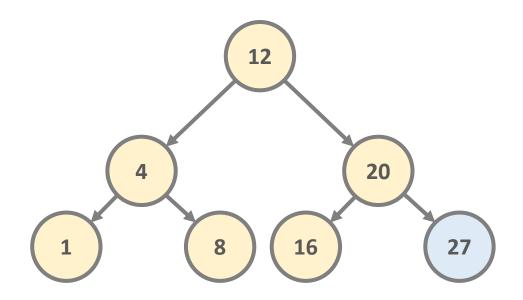
if node right child is not NULL:
return max(node right child)

return node value

max(27)

max(20)

max(12)



max(node):

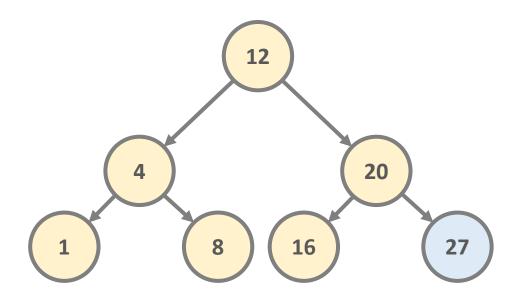
if node right child is not NULL:
return max(node right child)

return node value

max(27)

max(20)

max(12)



max(node):

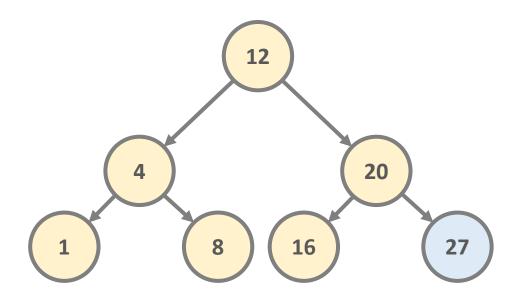
if node right child is not NULL:
return max(node right child)

return node value

max(27)

max(20)

max(12)

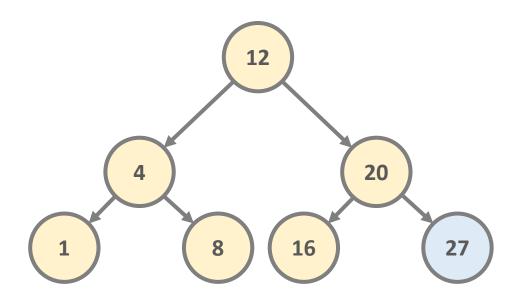


max(node):

if node right child is not NULL:
return max(node right child)

return node value

27 max(12)

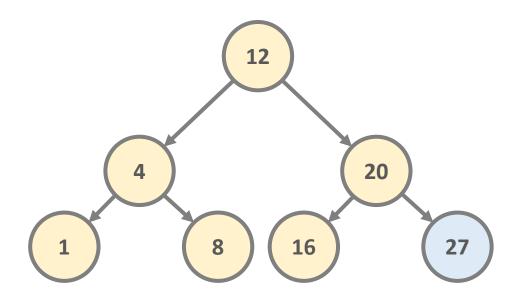


max(node):

if node right child is not NULL:
return max(node right child)

return node value

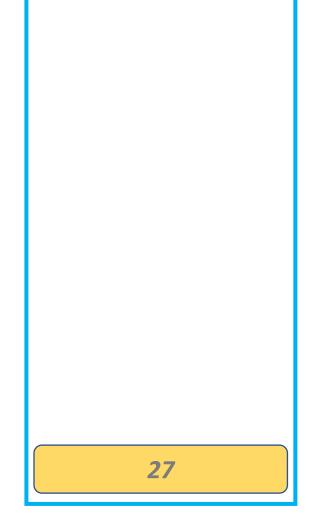
27 max(12)



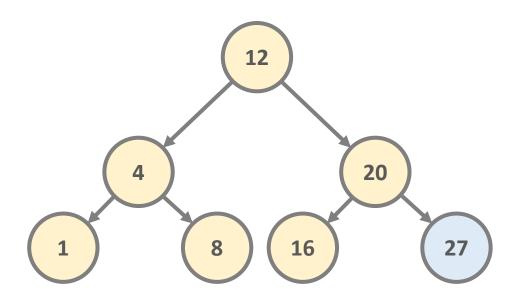
max(node):

if node right child is not NULL:
return max(node right child)

return node value



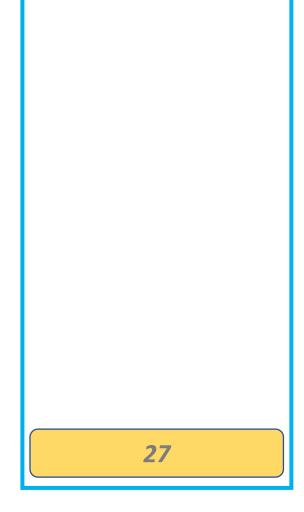


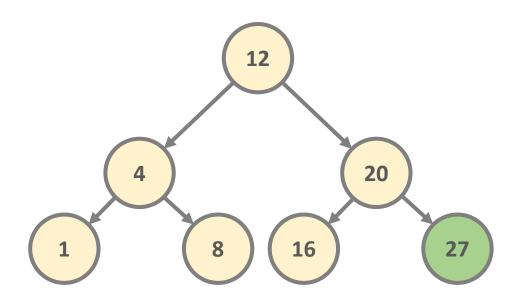


max(node):

if node right child is not NULL:
return max(node right child)

return node value





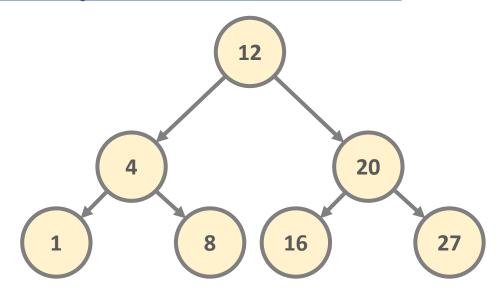
max(node):

if node right child is not NULL: return max(node right child)

return node value



Stack Memory Visualization (Algorithmic Problems)

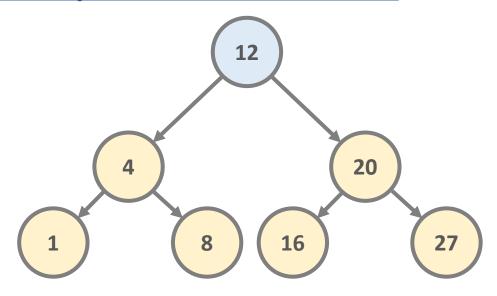


traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data





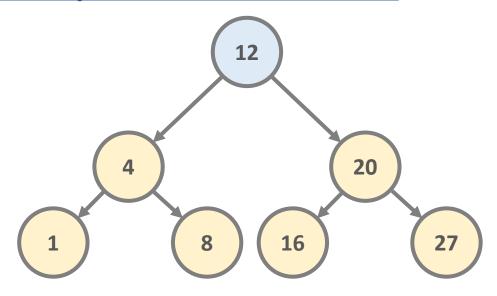
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL:
traverse(node right child)





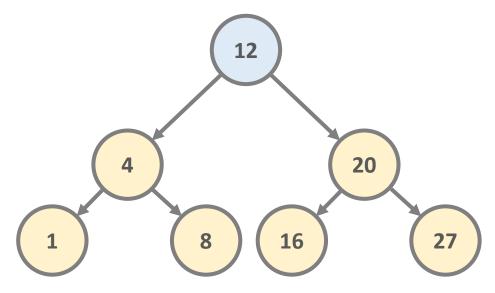
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL: traverse(node right child)





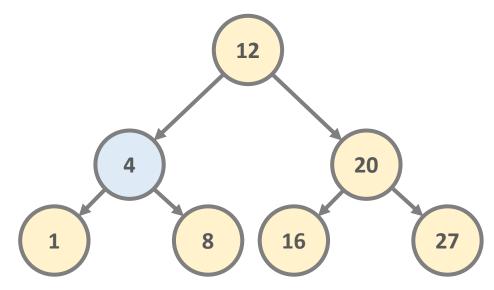
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL:
traverse(node right child)

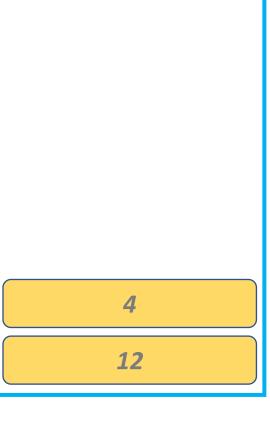




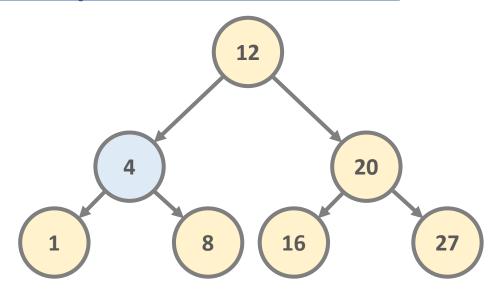
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data







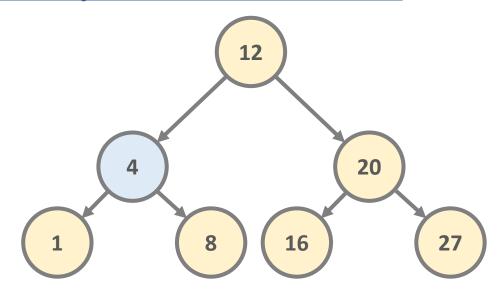
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL:
traverse(node right child)

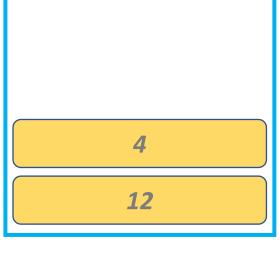




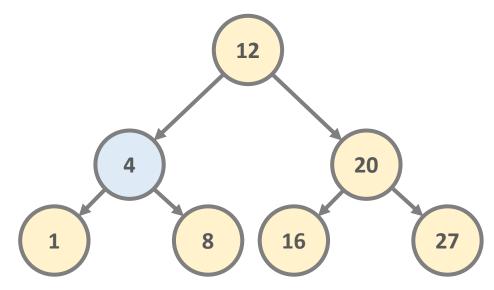
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



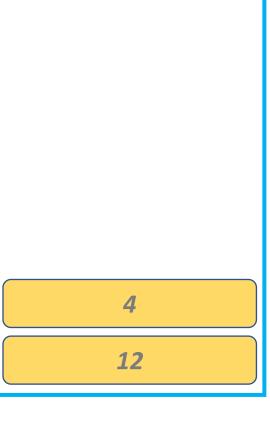




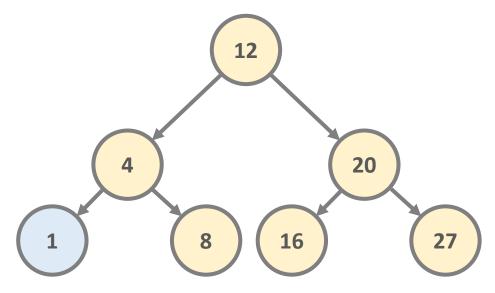
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



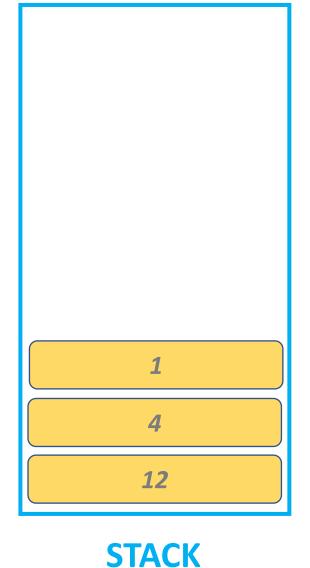


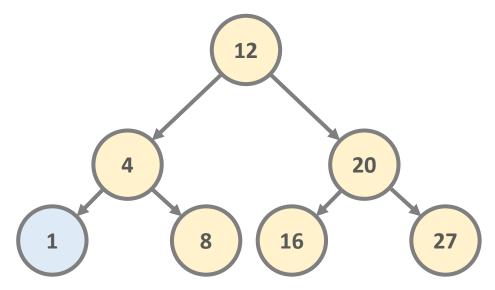


traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

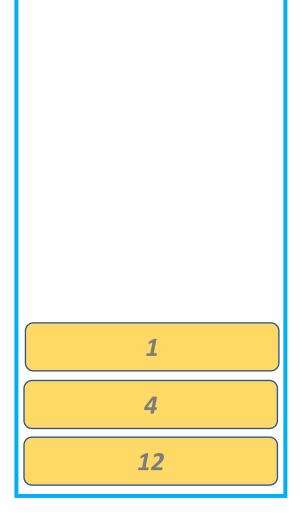




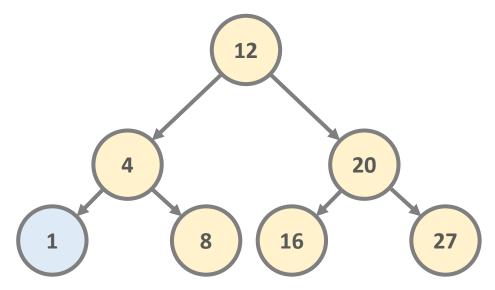
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



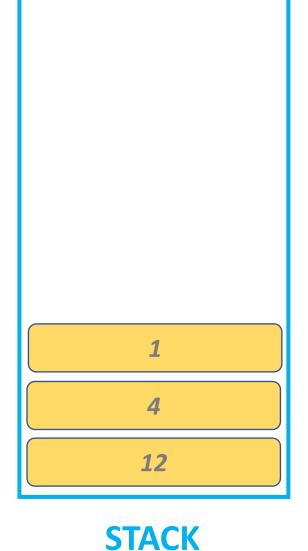


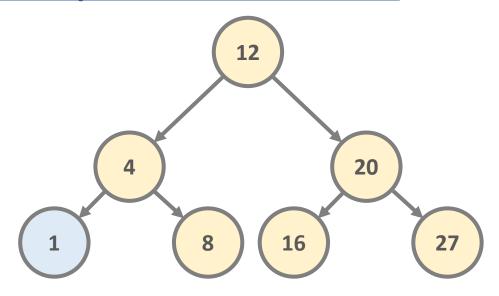


traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

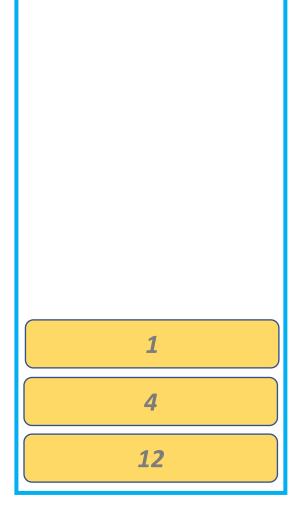




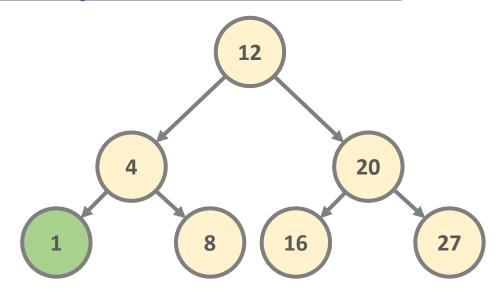
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



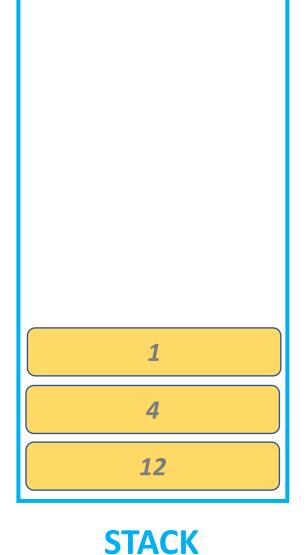


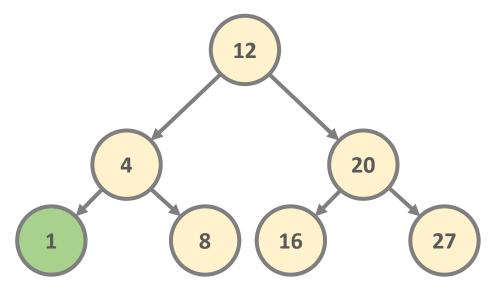


traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

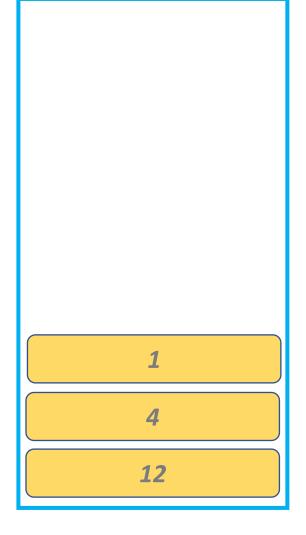




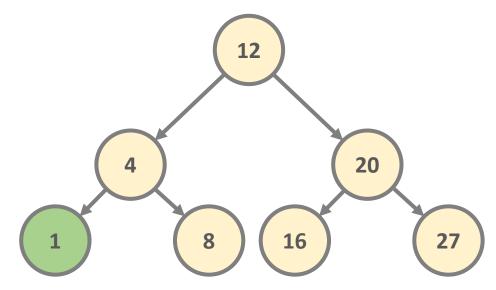
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



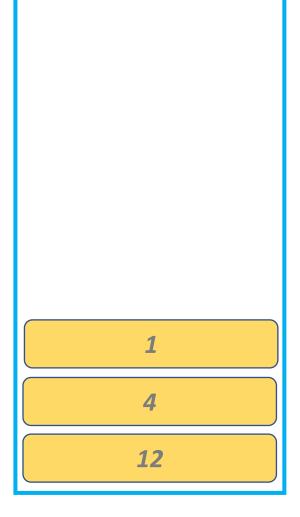




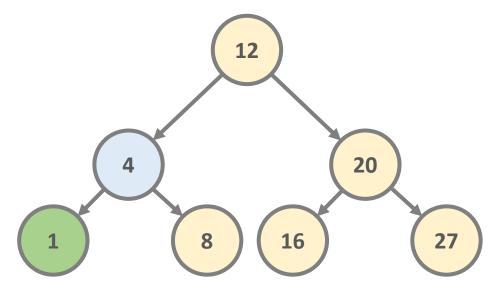
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data





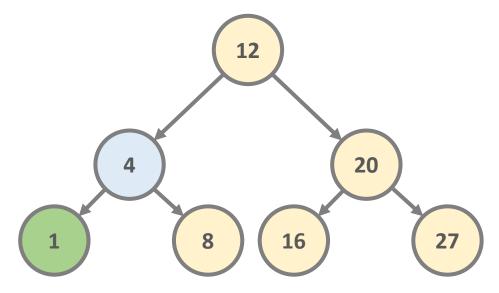


traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL: traverse(node right child)

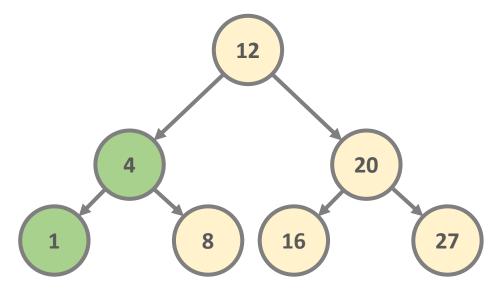


traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL: traverse(node right child) 12

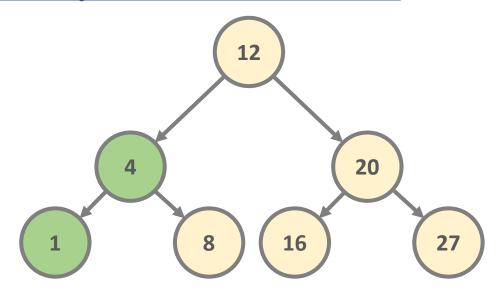


traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data





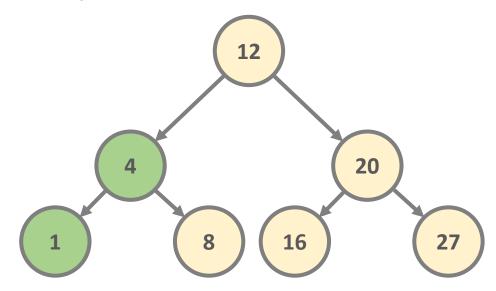
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL:
traverse(node right child)

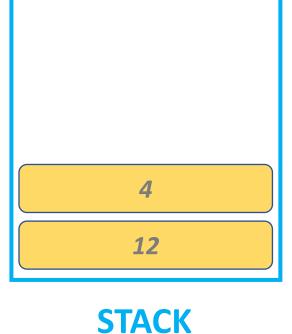
12

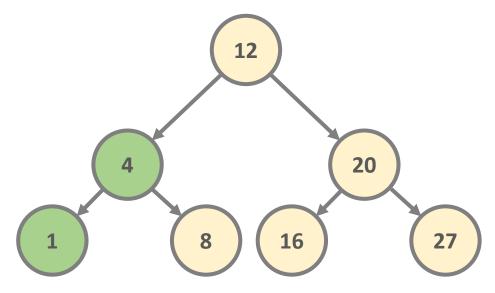


traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

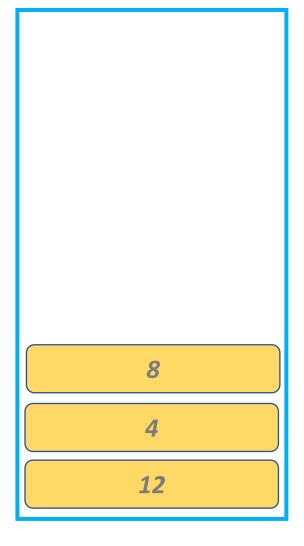




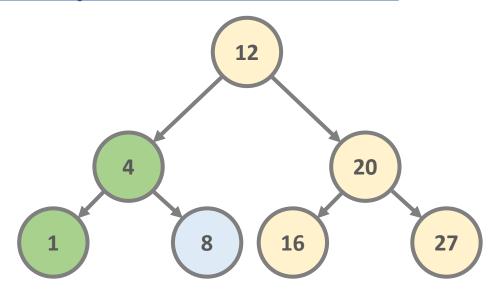
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



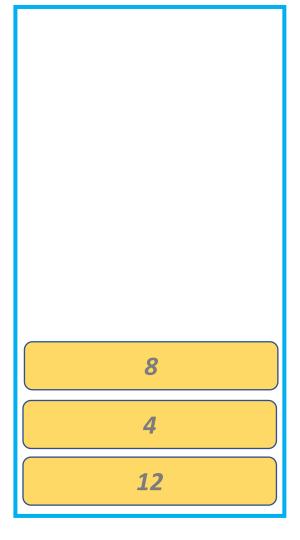




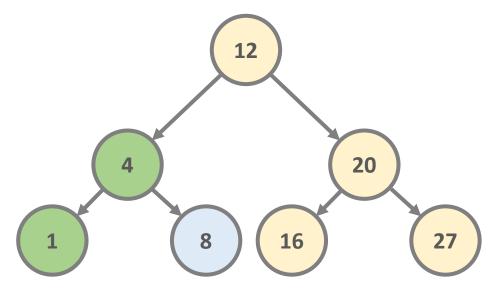
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



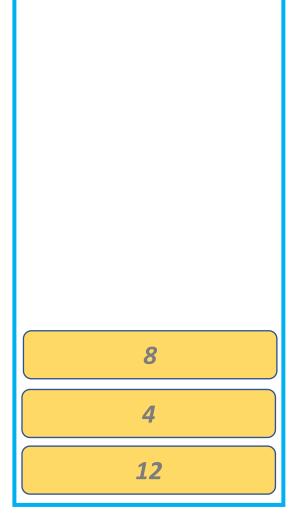




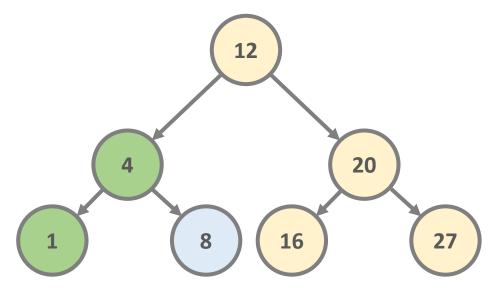
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



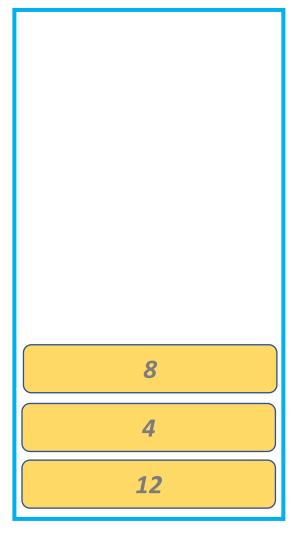




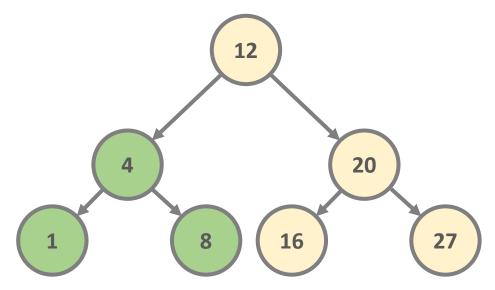
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



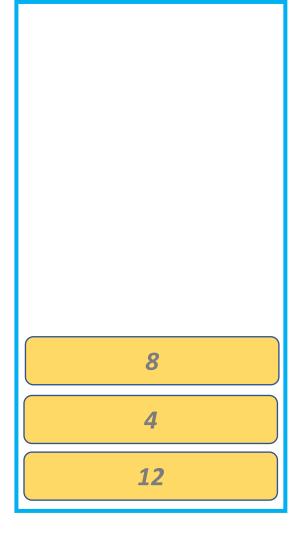




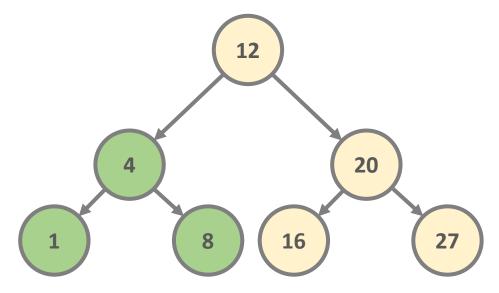
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



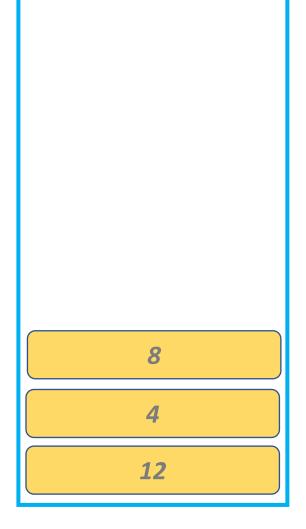




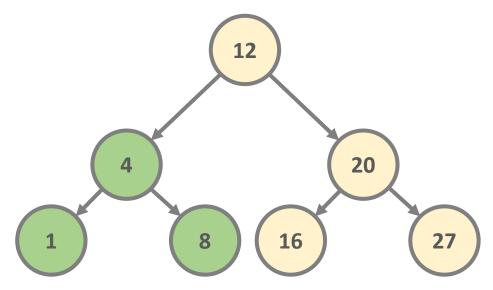
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



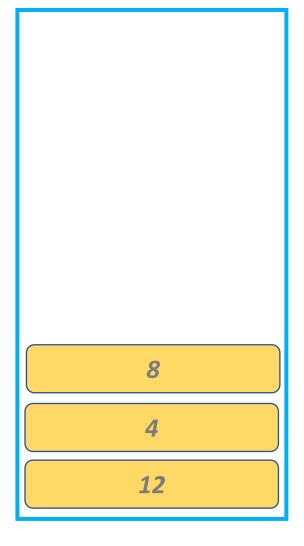




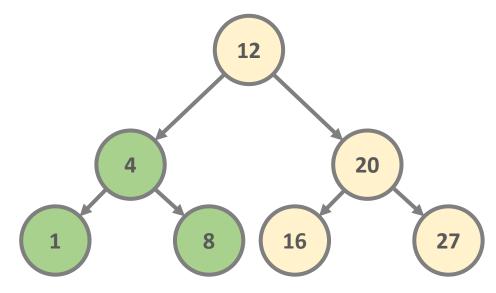
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



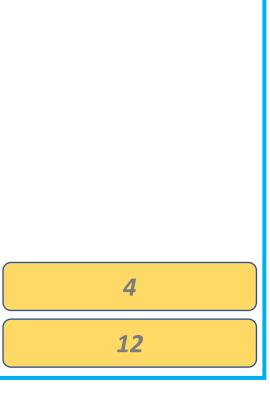




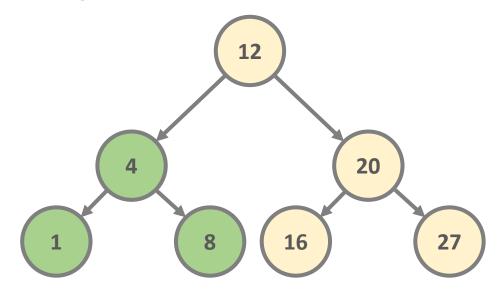
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data







traverse(node):

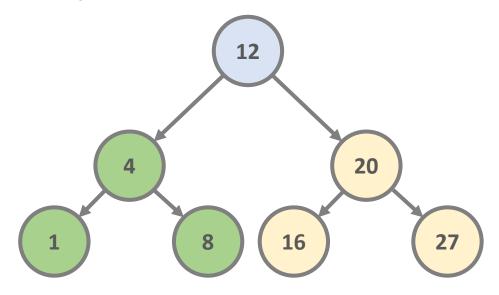
if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL:
traverse(node right child)

12



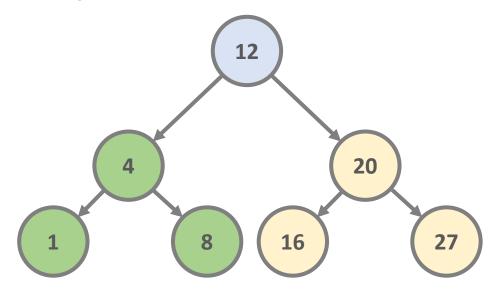


traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL:
traverse(node right child)



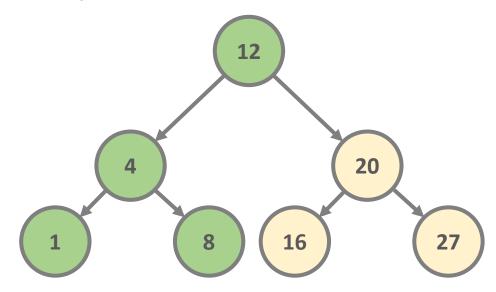
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL:
traverse(node right child)

12

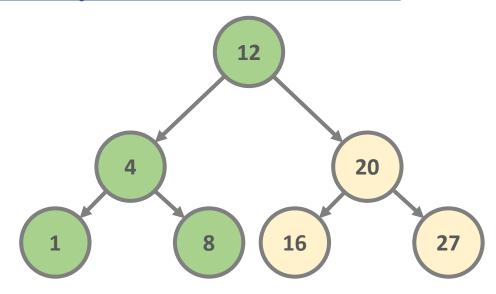


traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL:
traverse(node right child)



traverse(node):

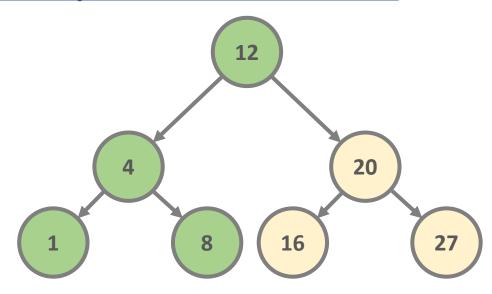
if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL:
traverse(node right child)

12



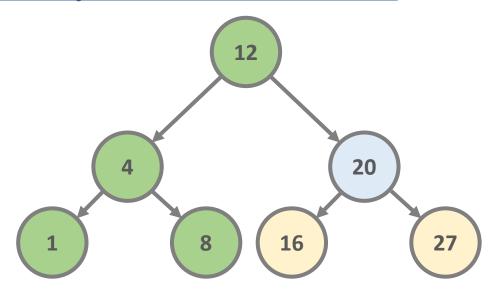


traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

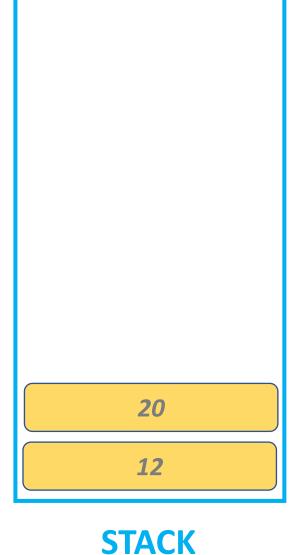
if node right child is not NULL:
traverse(node right child)

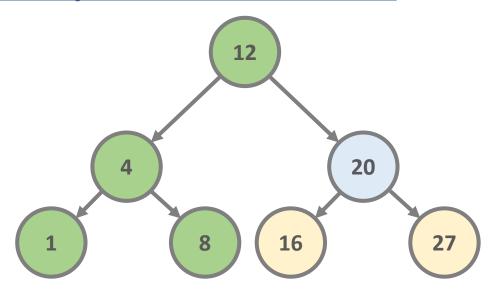


traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data





traverse(node):

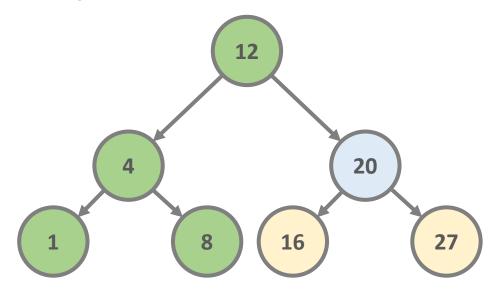
if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL:
traverse(node right child)

20





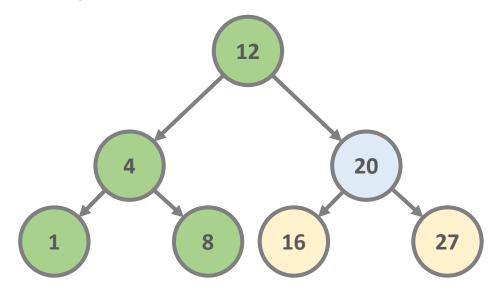
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL:
traverse(node right child)

20



traverse(node):

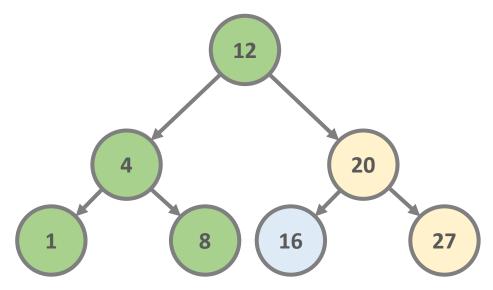
if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL:
traverse(node right child)

20

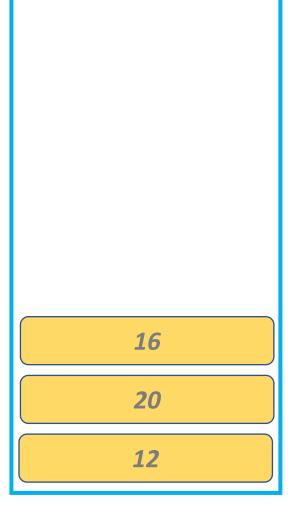




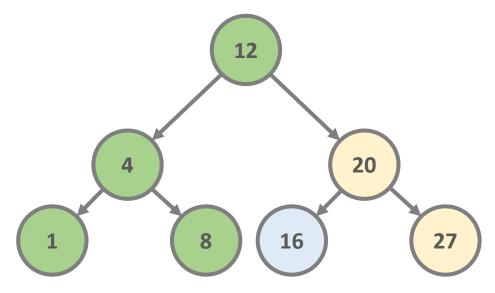
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



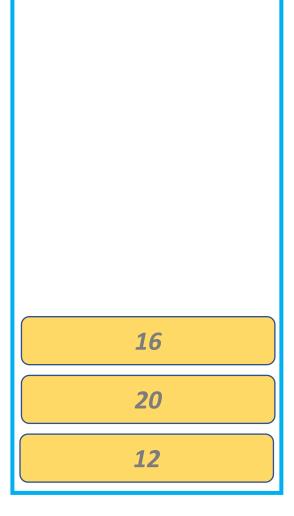




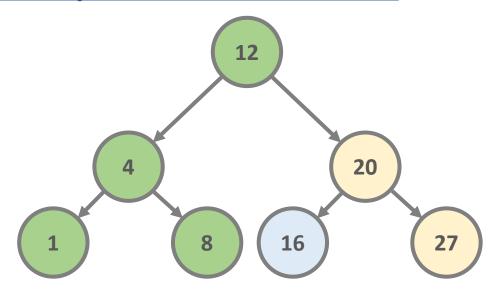
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



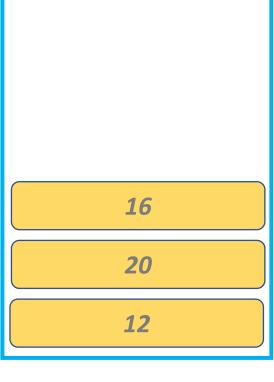




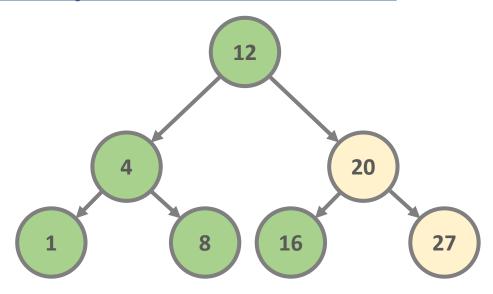
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



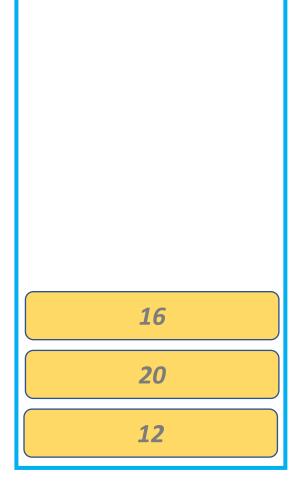




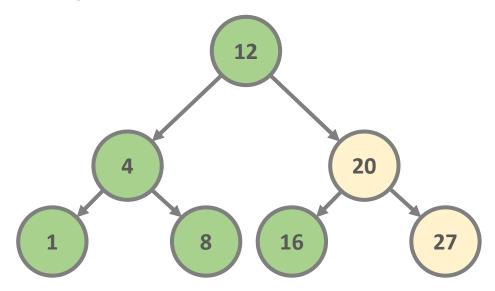
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



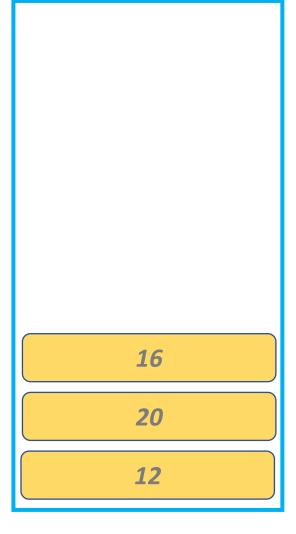




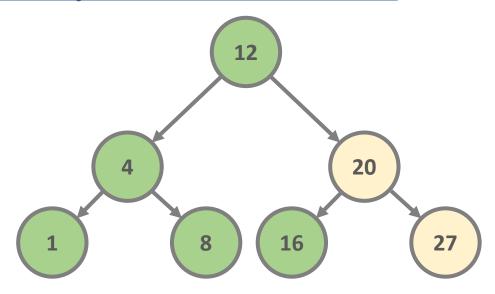
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



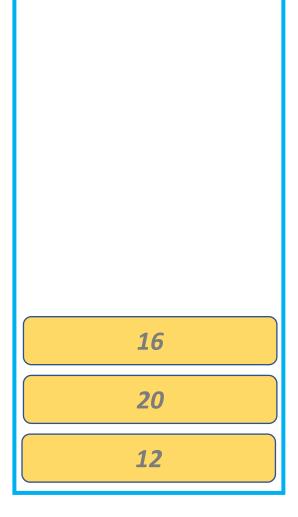




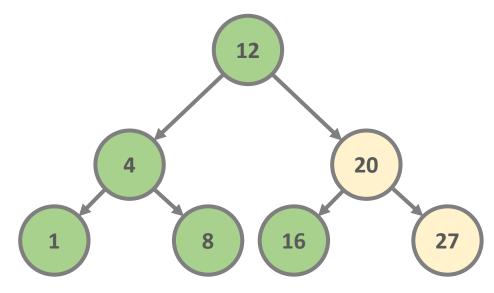
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data







traverse(node):

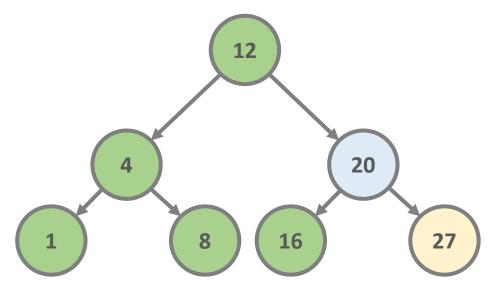
if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL:
traverse(node right child)

20



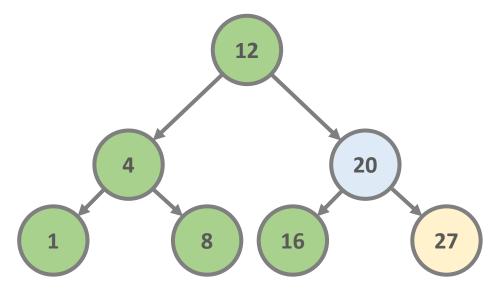


traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL: traverse(node right child)



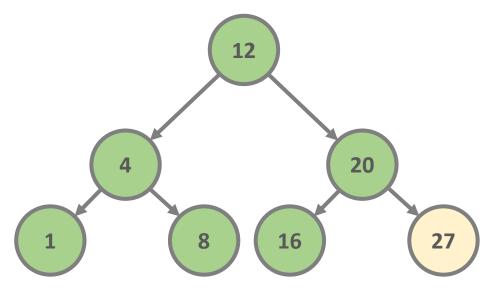
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL:
traverse(node right child)

20



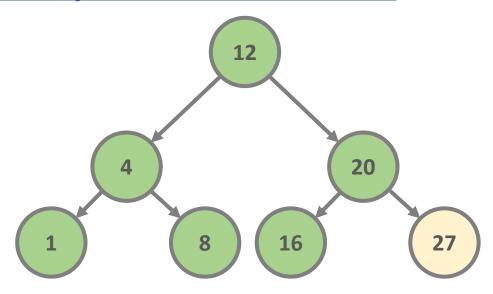
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL:
traverse(node right child)

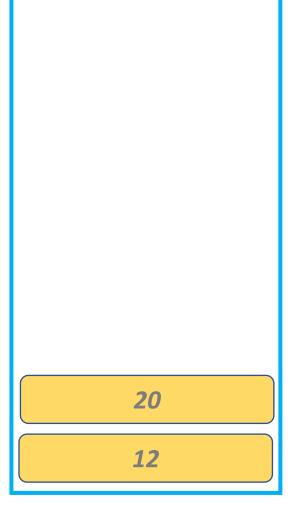
20



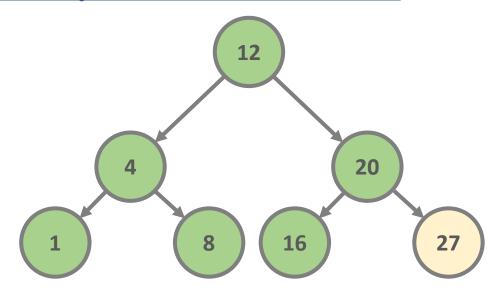
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



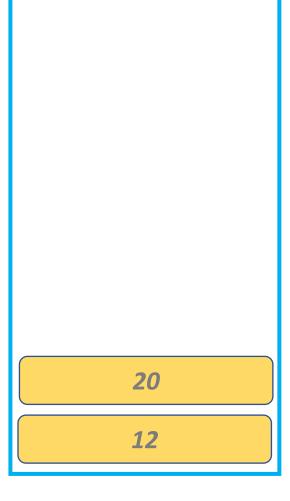




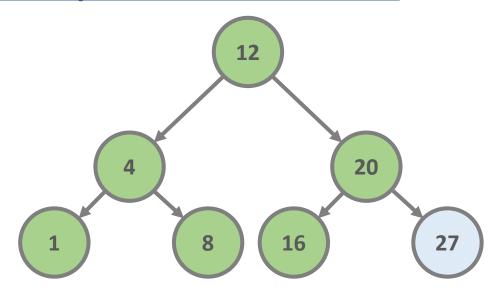
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



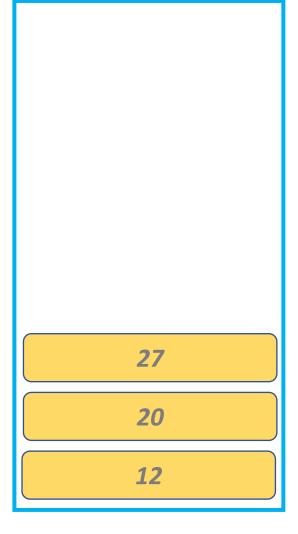




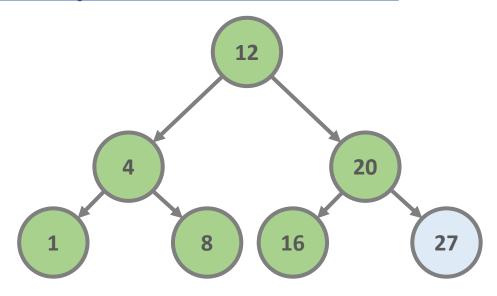
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



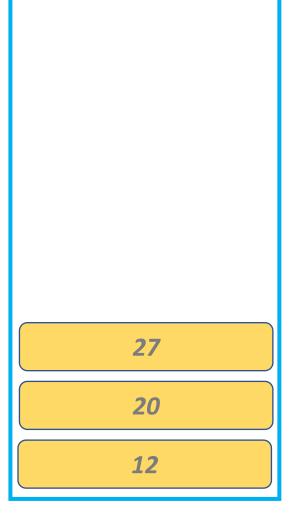




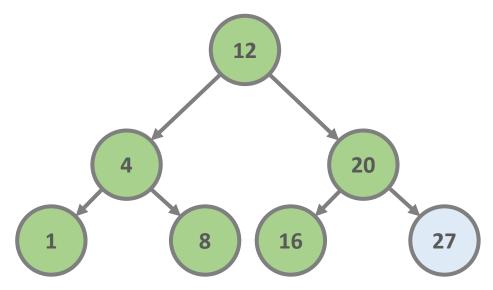
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



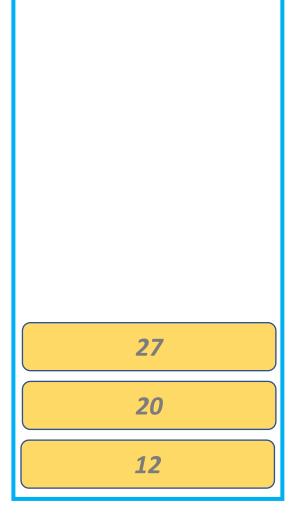




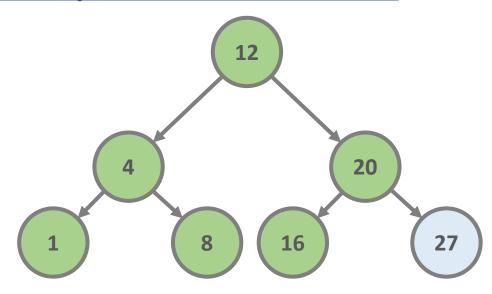
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



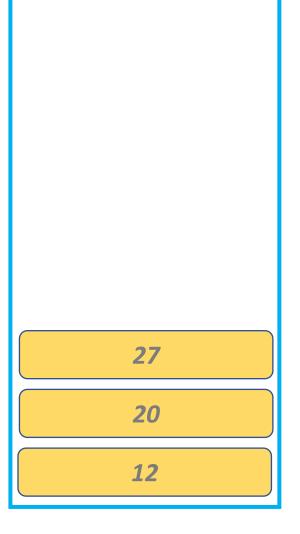




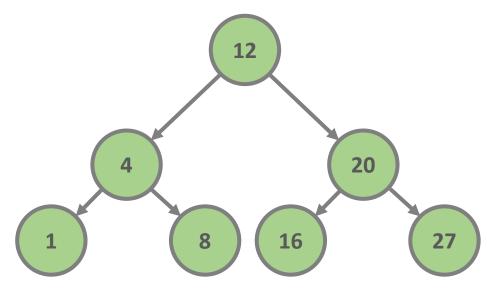
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



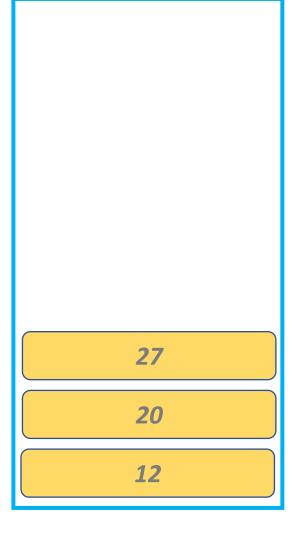




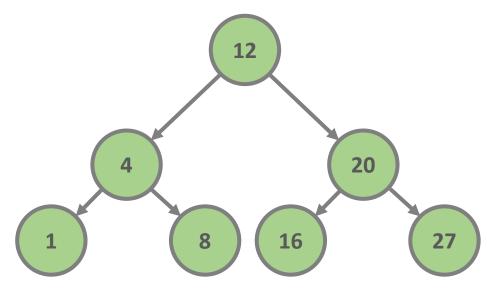
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



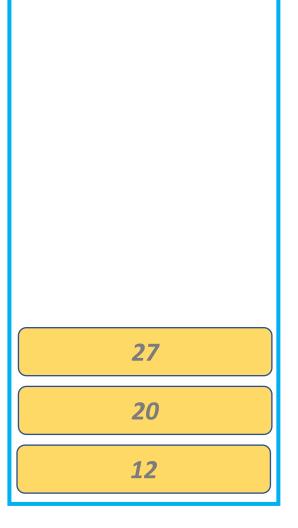




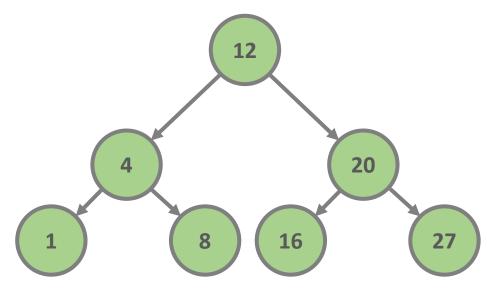
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data



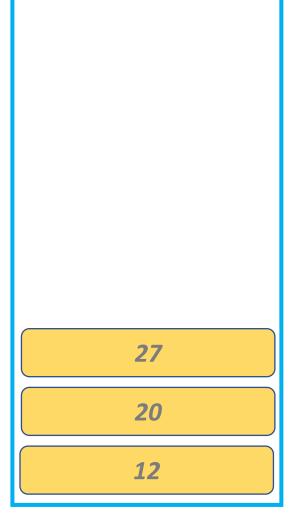




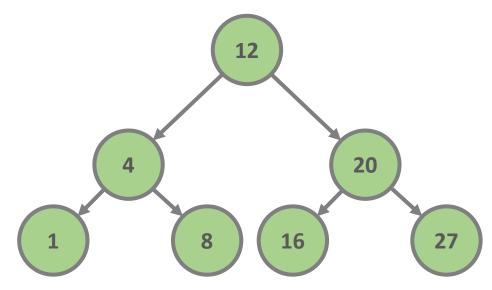
traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data







traverse(node):

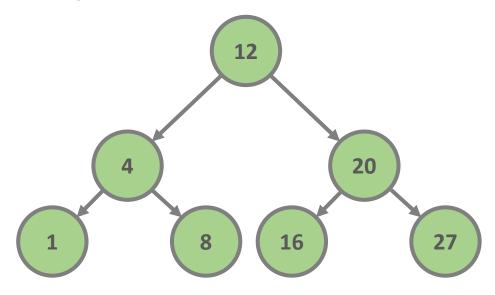
if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL:
traverse(node right child)

20





traverse(node):

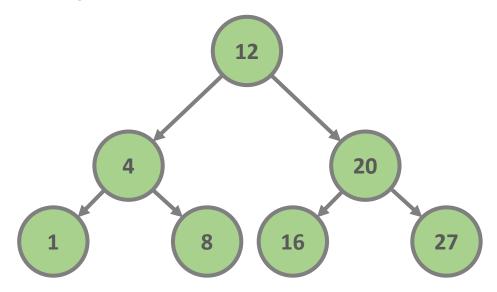
if node left child is not NULL: traverse(node left child)

print node.data

if node right child is not NULL:
traverse(node right child)

12





traverse(node):

if node left child is not NULL: traverse(node left child)

print node.data

