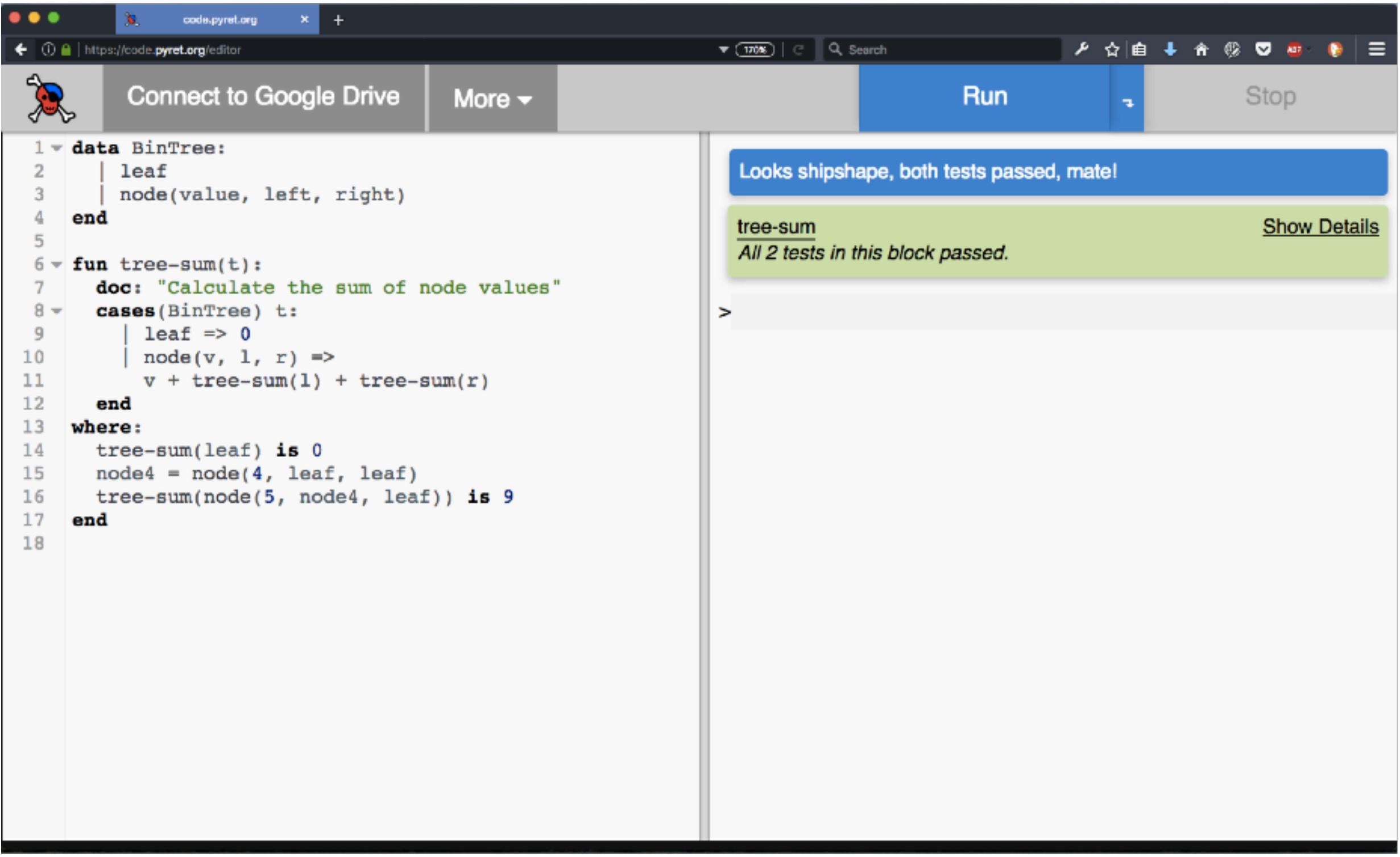
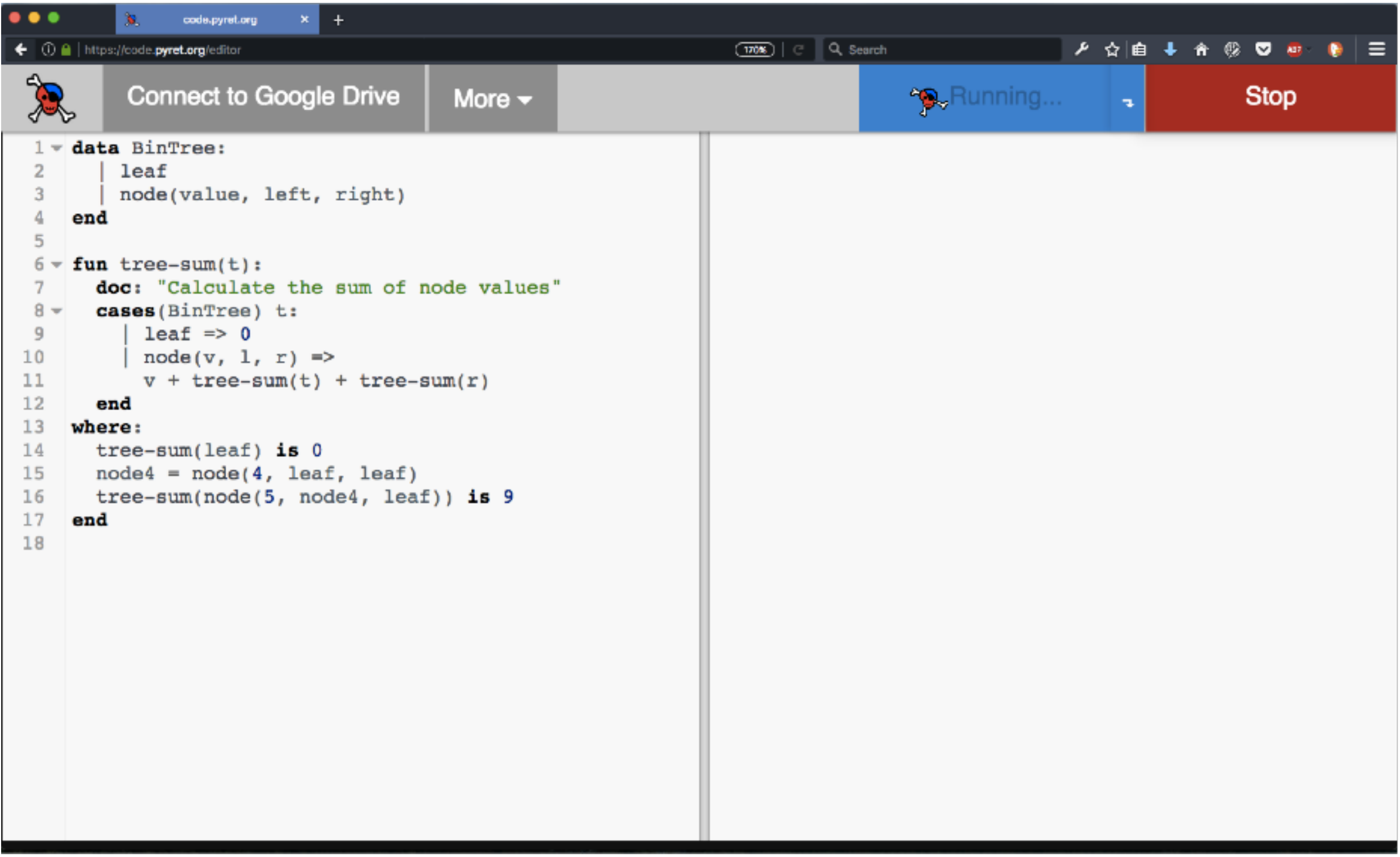
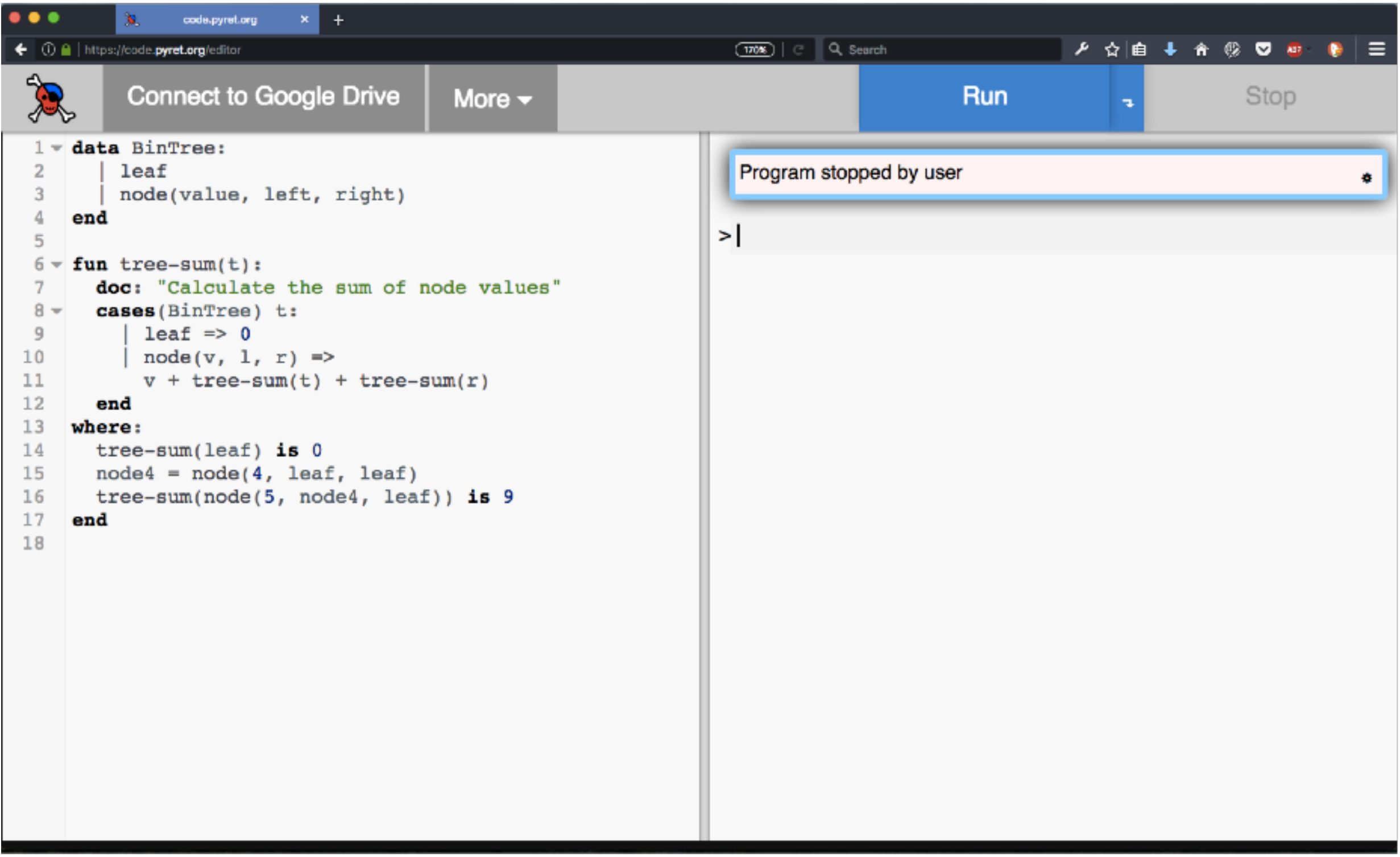
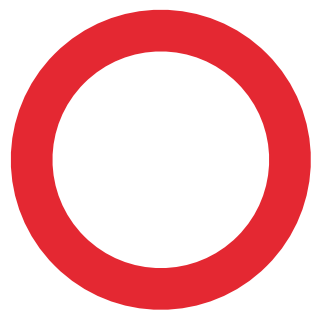

code.pyret.org
https://code.pyret.org/editor
Search
Connect to Google Drive
More
Run
Stop
data BinTree:
| leaf
| node(value, left, right)
end
fun tree-sum(t):
doc: "Calculate the sum of node values"
cases(BinTree) t:
| leaf => 0
| node(v, l, r) =>
v + tree-sum(l) + tree-sum(r)
end
where:
tree-sum(leaf) is 0
node4 = node(4, leaf, leaf)
tree-sum(node(5, node4, leaf)) is 9
end
Looks shipshape, both tests passed, mate!
tree-sum
Show Details
All 2 tests in this block passed.
>

PYRET

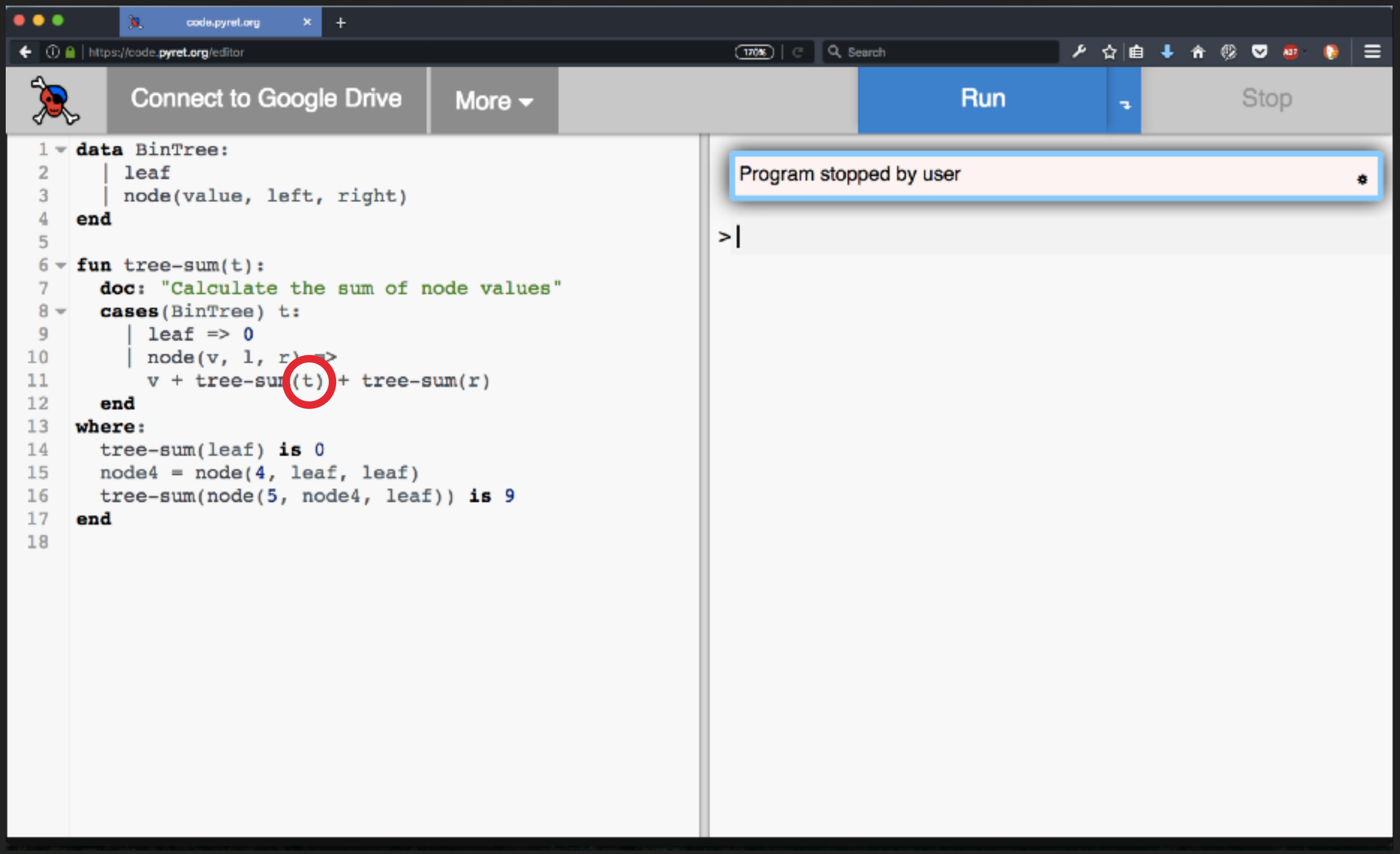
A PROGRAMMING ENVIRONMENT THAT DOESN'T GIVE UP


code.pyret.org
https://code.pyret.org/editor
Search
Connect to Google Drive
More
Running...
Stop
data BinTree:
| leaf
| node(value, left, right)
end
fun tree-sum(t):
doc: "Calculate the sum of node values"
cases(BinTree) t:
| leaf => 0
| node(v, l, r) =>
v + tree-sum(t) + tree-sum(r)
end
where:
tree-sum(leaf) is 0
node4 = node(4, leaf, leaf)
tree-sum(node(5, node4, leaf)) is 9
end


code.pyret.org
https://code.pyret.org/editor
Search
Connect to Google Drive
More
Run
Stop
1 data BinTree:
2 | leaf
3 | node(value, left, right)
4 end
5
6 fun tree-sum(t):
7 doc: "Calculate the sum of node values"
8 cases(BinTree) t:
9 | leaf => 0
10 | node(v, l, r) =>
11 v + tree-sum(t) + tree-sum(r)
12 end
13 where:
14 tree-sum(leaf) is 0
15 node4 = node(4, leaf, leaf)
16 tree-sum(node(5, node4, leaf)) is 9
17 end
18
Program stopped by user
>



A PROGRAMMING ENVIRONMENT THAT DOESN'T GIVE UP



PYRET COMPILER PIPELINE