x = 1

x = 2

x = 1

return y

x = 2

n = n + 2, y = y + n

x = x - 1

x = -1

x = 1

x = 2

x = -1

x = 0

yes

while (x > 1)

End program

x = - 1 \* x

x < 0?

no

yes

return x

X = 0?

Begin Program

Initialize Variables (n, y, x)

Makes the while loop check with x = -1 and yields false.

1. See PseudocodeTest
2. Yes, with the variables x = -1, x = 0, x = 1, and x = 2.
3. 12 edges, 10 nodes, 1 connecting component = 12 – 10 + 2 \* 1 = 4
4. 4 boundary paths, which are all covered.