If-else inside while

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Start of RR and LOOP BACK of while-1
While splitting

1

While splitting

work on true leg

leave bottom leg hanging
Begin if node

While

#1

#2

if

else

#3

#4

$1$

leave BOTH bottom legs hanging

If node splitting

Work on top leg of if node

2
Finish top if leg

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while

#1

if-else

#2

#3

#4

top if leg finished

leave BOTH bottom legs hanging
Go bottom if-2

First leg of unfinished if shows where bottom leg is

Top if leg hanging

Work on bottom if leg

leave bottom while leg hanging

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Finish bottom leg if

Top if leg hanging

$\text{leave bottom while leg hanging}$

$\text{Finished if leg}$

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Finish if node

Finishing the if uses the legs created by the condition #2 of that same if.

leave bottom while leg hanging
Unfinished while condition shows which loop back

leave bottom while leg hanging

While needs loop back
While needs loop back

End of the while

Finishing While
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