

Starting proposition is:

$$b * (- - - c)$$

Rules are as follows:

- 1) I calculate the importance of each operator, and at each step I choose the one with the least importance
- 2) Then I split my proposition to the left of the operator, and to the right of the operator
- 3) I repeat step 1, 2 until my current proposition is empty
- 4) When connecting nodes, I always connect them first as left child, then as right child
- 5) When opening a paranthesis I increase the importance with 100

Current proposition is:

$$b * (- - - c)$$

The importance of $*$ is 2

The importance of - is 2
The importance of - is 101

The importance of - is 101
The importance of - is 101

The importance of - is 101
The importance of - is 101

The least significant operator is *

=> We create node 1) *

Current proposition is:

b

The variable is b

We connect 1) * with 2) b

Current proposition is:

(- - - c)

The importance of - is 101

The importance of - is 101

The importance of - is 101

The least significant operator is -

=> We create node 3) -

We connect 1) * with 3) -

Current proposition is:

- - c)

The importance of β is 1

The importance of - is 1

The least significant operator is -

=> We create node 4) -

We connect 3) - with 4) -

Current proposition is:

- c)

The importance of α is 1

The least significant operator is -

=> We create node 5) -

We connect 4) with 5)

Current proposition is:

c)

The variable is c

We connect 5) - with 6) c

Polish notation is:

*h---c

Tree representation is:

