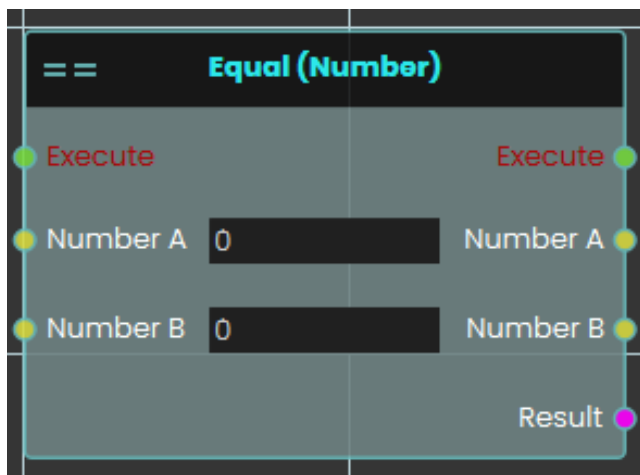


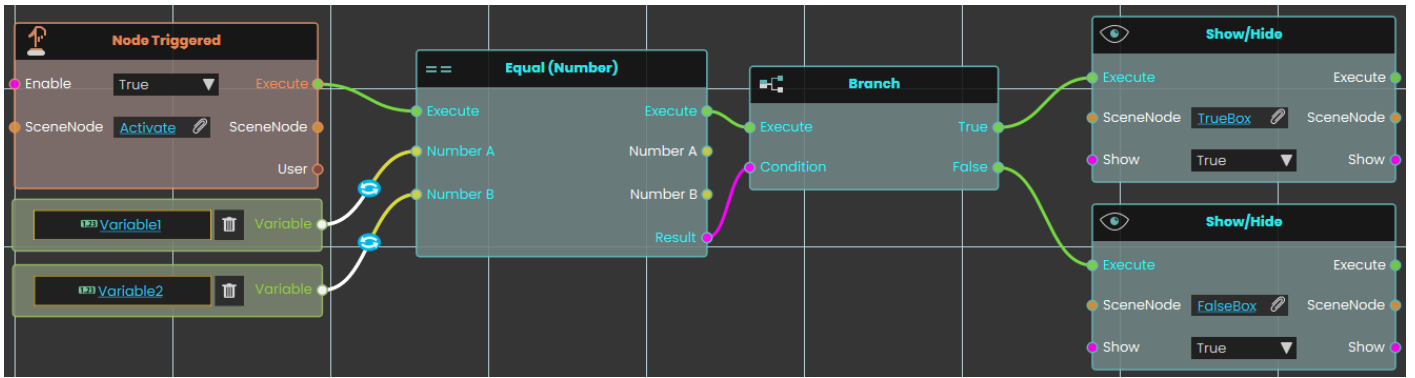
# Data Types \ Number \ Compare

**== Equal (Number)**



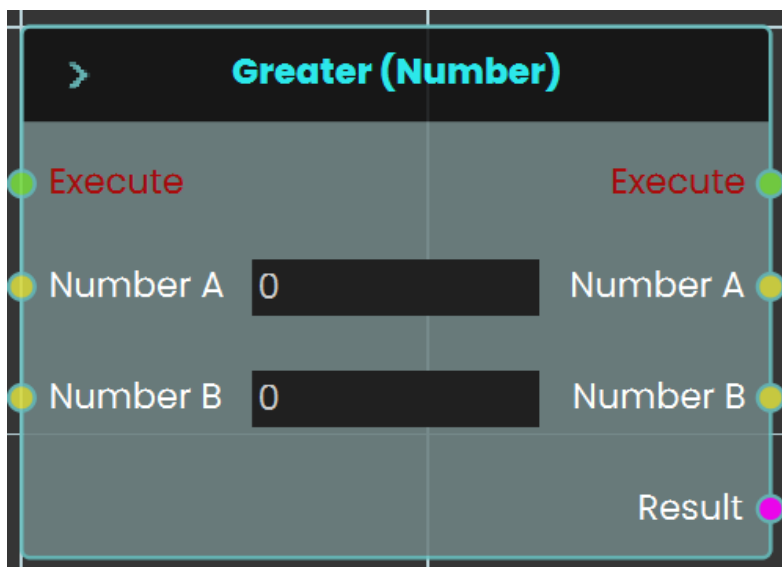
The **Equal (Number)** response enables the user to compare two values by either typing in a numerical value in the Number A and Number B fields or by attaching a value or a variable node to those ports. Then once the response is executed, the result of the comparison can be acquired through the **Result** port.

## Example



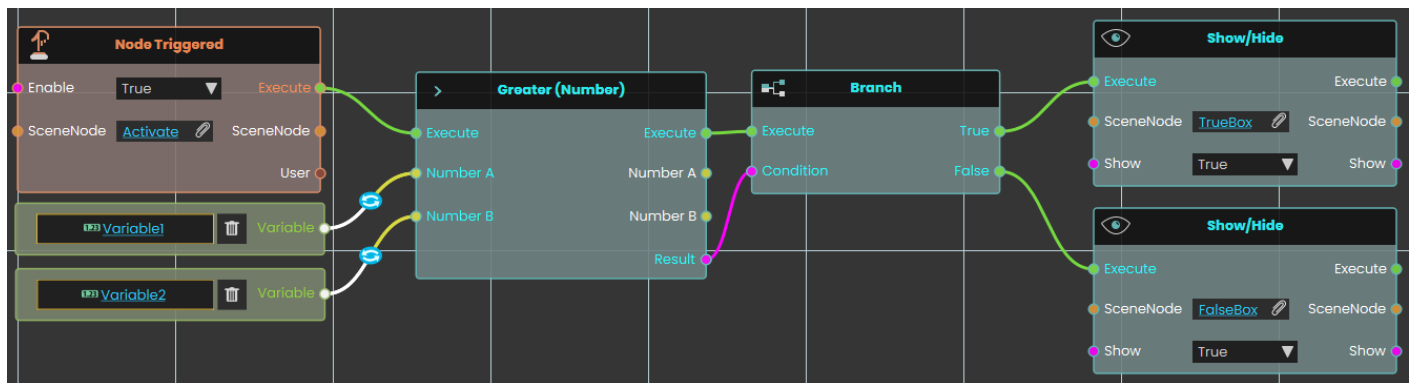
In this example, an **Equal Response** response is used to compare the value of Variable1 with the value of Variable2 once the user triggers the object named Activate. The result of the comparison can be acquired through the **Result** port. We have connected this Result port to the **Branch** node, and if the result of the branch is True, the TrueBox will show; if the result is False, the FalseBox will show.

## > Greater



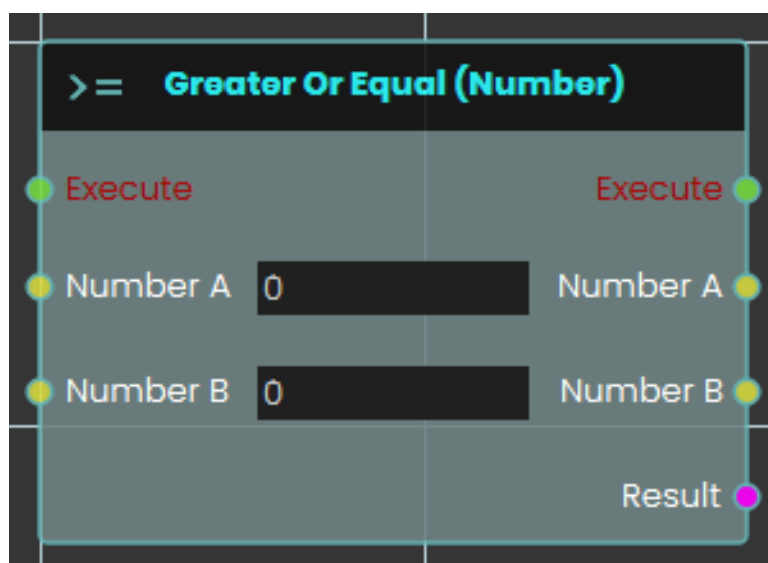
The **Greater** response enables the user to compare two values to determine if one is greater than the other by either typing in a numerical value in the Number A and Number B fields or by attaching a value or a variable node to those ports. Then once the response is executed, the result of the comparison can be acquired through the **Result** port.

# Example



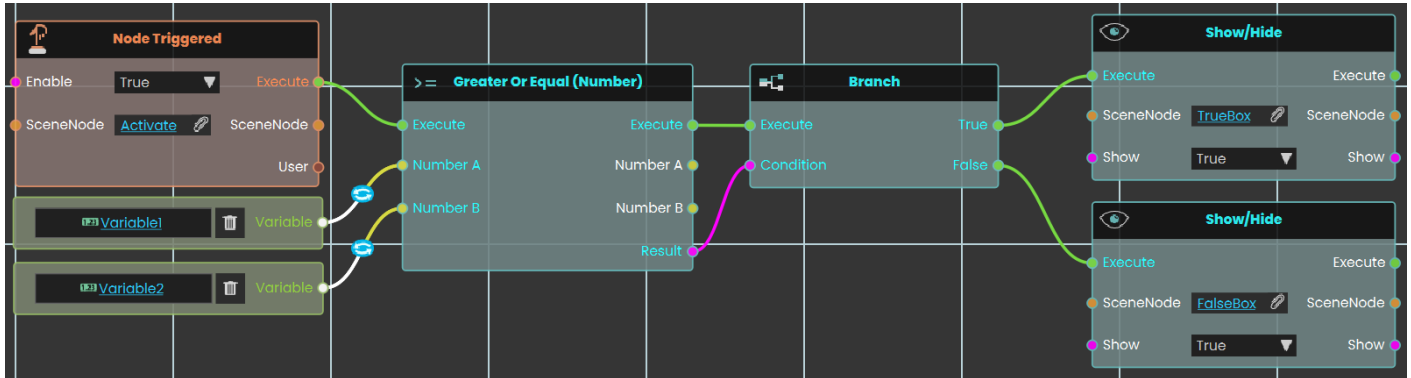
In this example, a **Greater Response** is used to compare the value of Variable1 with the value of Variable2 once the user triggers the object named Activate. The result of the comparison can be acquired through the Result port. We have connected this Result port to the Branch node, and if the result of the branch is True, the TrueBox will show; if the result is False, the FalseBox will show.

## >= Greater Or Equal

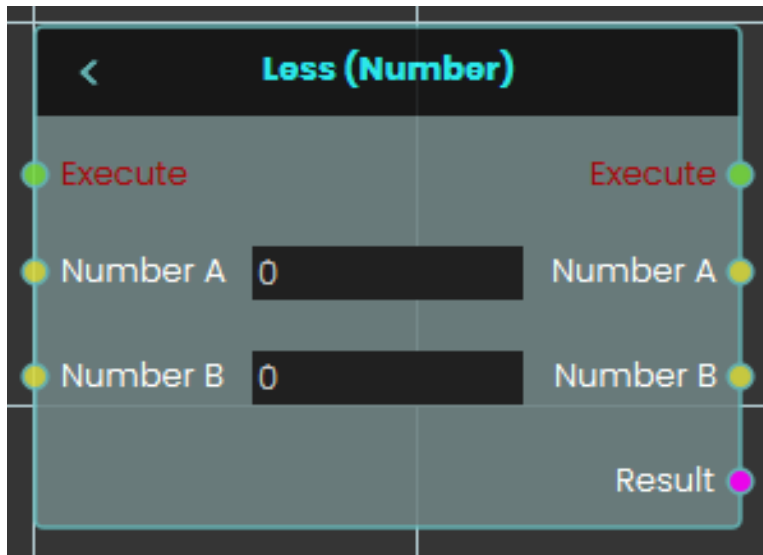


The **Greater Or Equal** response enables the user to compare two values to determine if one is greater than or equal to the other by either typing in a numerical value in the Number A and Number B fields or by attaching a value or a variable node to those ports. Then once the response is executed, the result of the comparison can be acquired through the **Result** port.

## Example

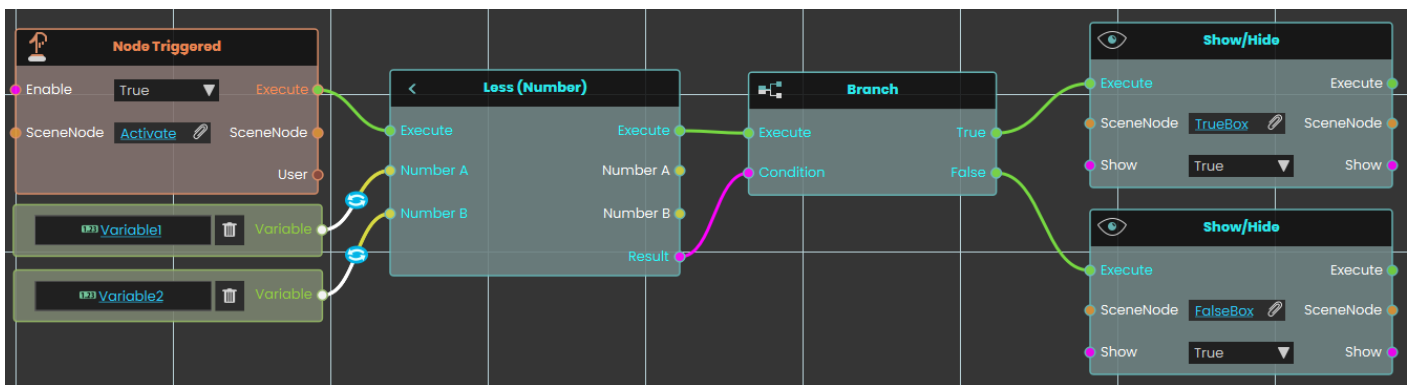


In this example, a **Greater Or Equal Response** is used to compare the value of Variable1 with the value of Variable2 once the user triggers the object named Activate. The result of the comparison can be acquired through the Result port. We have connected this Result port to the Branch node, and if the result of the branch is True, the TrueBox will show; if the result is False, the FalseBox will show.



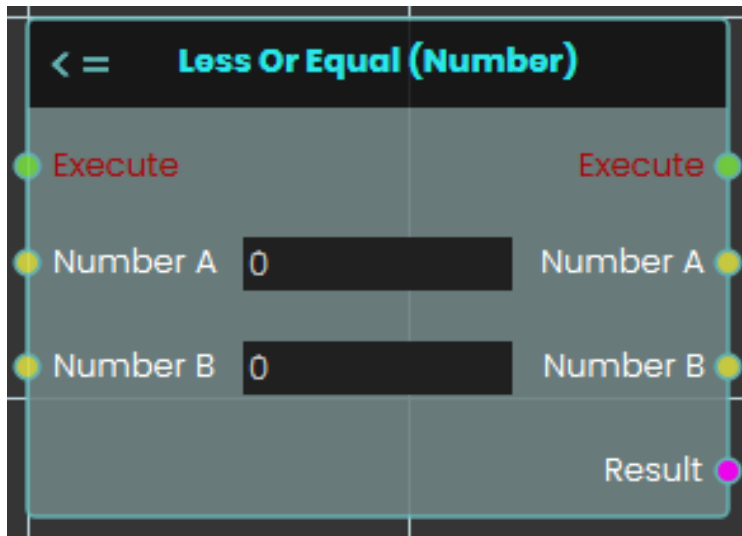
The **Less** response enables the user to compare two values to determine if one is less than the other by either typing in a numerical value in the Number A and Number B fields or by attaching a value or a variable node to those ports. Then once the response is executed, the result of the comparison can be acquired through the **Result** port.

## Example



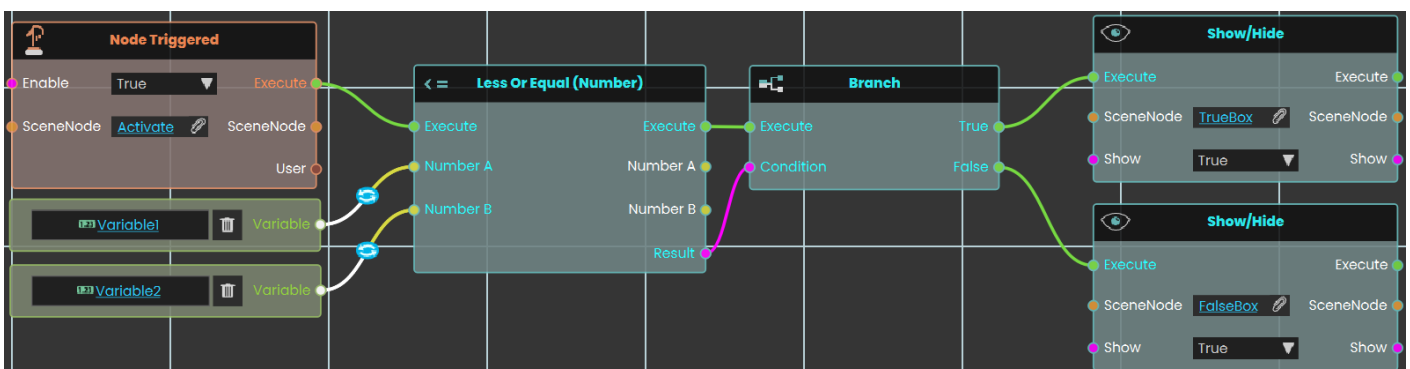
In this example, a **Less** is used to compare the value of Variable1 with the value of Variable2 once the user triggers the object named Activate. The result of the comparison can be acquired through the Result port. We have connected this Result port to the Branch node, and if the result of the branch is True, the TrueBox will show; if the result is False, the FalseBox will show.

# <= Less Or Equal



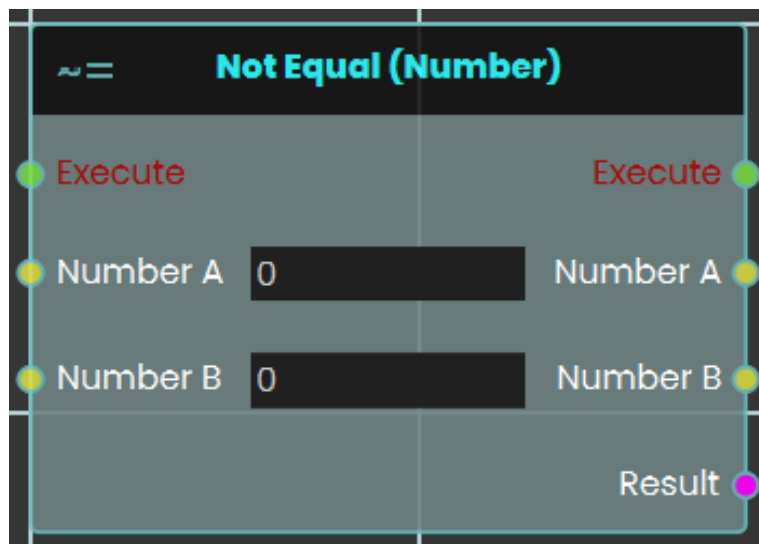
The **Less Or Equal** response enables the user to compare two values to determine if one is less than or equal to the other by either typing in a numerical value in the Number A and Number B fields or by attaching a value or a variable node to those ports. Then once the response is executed, the result of the comparison can be acquired through the **Result** port.

## Example



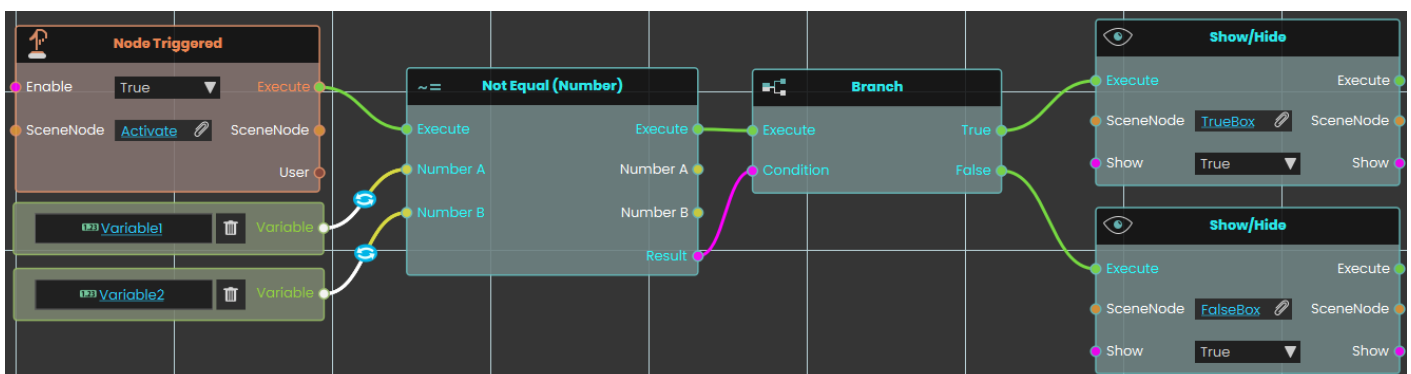
In this example, a **Less** is used to compare the value of Variable1 with the value of Variable2 once the user triggers the object named Activate. The result of the comparison can be acquired through the Result port. We have connected this Result port to the Branch node, and if the result of the branch is True, the TrueBox will show; if the result is False, the FalseBox will show.

## ~ = Not Equal



The **Not Equal** response enables the user to compare two values to determine if they are different by either typing in a numerical value in the Number A and Number B fields or by attaching a value or a variable node to those ports. Then once the response is executed, the result of the comparison can be acquired through the **Result** port.

## Example



In this example, a **Not Equal** is used to compare the value of Variable1 with the value of Variable2 once the user triggers the object named Activate. The result of the comparison can be acquired through the Result port. We have connected this Result port to the Branch node, and if the result of the branch is True, the TrueBox will show; if the result is False, the FalseBox will show.

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Revision #8

Created 15 August 2024 06:52:26 by Khalid Abu Eid

Updated 16 March 2025 12:00:43 by Mahmoud