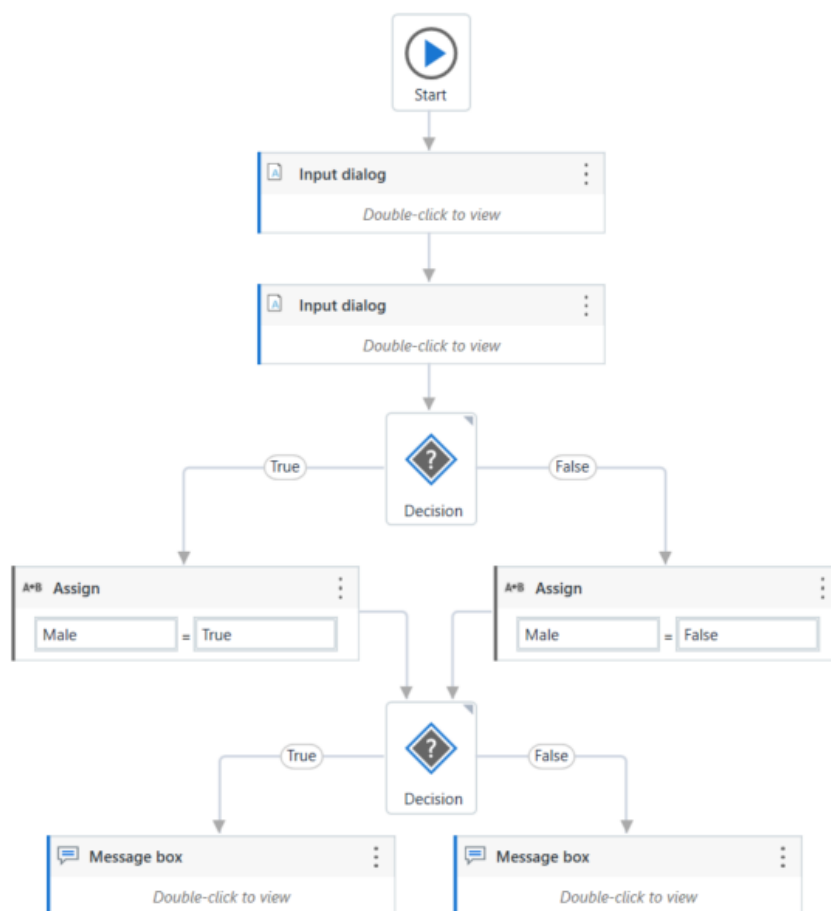# True or False Variable

To exemplify how you can work with true or false variables, we are going to create an automation that asks the user for his name and gender, and displays the results in another window.

1. Create a new process and add a **Flowchart**.

2. Create two string variables, `Name` and `Gender`. The first is going to be used to store the name of the user, and the second to store the user's gender.

3. Create a boolean variable, `Male`. This variable is going to be used to verify if the user is a male.

Name	Variable type	Scope	Default
Name	String	Main	*Enter a VB expression*
Gender	String	Main	*Enter a VB expression*
Male	Boolean	Main	*Enter a VB expression*

4. Add an Input Dialog activity to the **Designer** panel and connect it to the **Start** node.

5. In the **Properties** panel, in the **Label** field type "What is your name?".

6. Add a title and, in the **Result** field, add the `Name` variable.

7. Add another **Input Dialog** activity and connect it to the previous one.

8. In the **Properties** panel, in the **Label** field, type "What is your gender?".

9. Add a title and, in the **Result** field, add the `Gender` variable.

10. Add a Flow Decision activity to the **Designer** panel, and connect it to the second **Input Dialog**.

11. In the **Properties** panel, in the **Condition** field, type `Gender` = "Male" or `Gender` = "male". This activity checks if the user is a male or female.

12. Add two Assign activities.

13. Connect one to the **True** branch of the **Flow Decision** activity.

14. In the **Properties** panel, in the **To** field enter the `Male` variable.

15. In the **Value** field, type **True**. This assigns the **True** value to the `Male` variable when the `Gender` = "Male" or `Gender` = "male" condition is met.

16. Connect the second **Assign** activity to the **False** branch of the **Flow Decision**.

17. In the **Properties** panel, in the **To** field, enter the `Male` variable.

18. In the **Value** field, type **False**. This assigns the **False** value to the `Male` variable when the `Gender` = "Male" or `Gender` = "male" condition is not met.

19. Add a new **Flow Decision** and connect the previously added **Assign** activities to it.

20. In the **Properties** panel, in the **Condition** field, type `Male` = True.

21. Add a Message Box activity and connect it to the **True** branch of the **Flow Decision**.

22. In the **Properties** panel, in the **Text** field, type `Name` + " is a " + `Gender` + ".". This message displays the name of the user and its gender, if `Male` is true.

23. Add another **Message Box** activity and connect it to the **False** branch of the **Flow Decision**.

24. In the **Properties** panel, in the **Text** field, type `Name` + " is a " + `Gender` + ".". This message displays the name of the user and its gender, if `Male` is false. The final project should look like in the following screenshot.

25. Press F5. The automation is executed. Note that the final **Message Box** displays the message as expected.

Message box

Karen is a Female.

OK