**Day2 – Activity2 – True or False Variables**

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.
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.