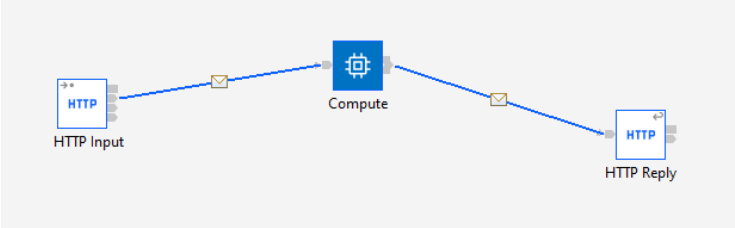
Unit Test Case

- We can create and run unit tests while you are developing your message flows and nodes, or you can create and run tests for flows that have already been deployed, by generating tests in bulk from messages that were recorded as they passed through a message flow.

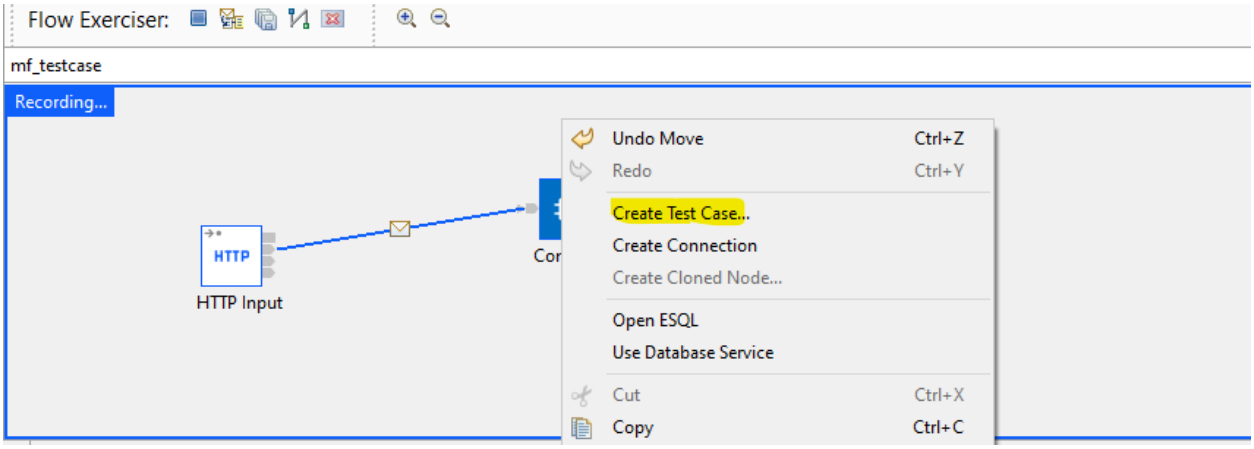
Procedure :-

Following steps to create a test case for a message flow node.

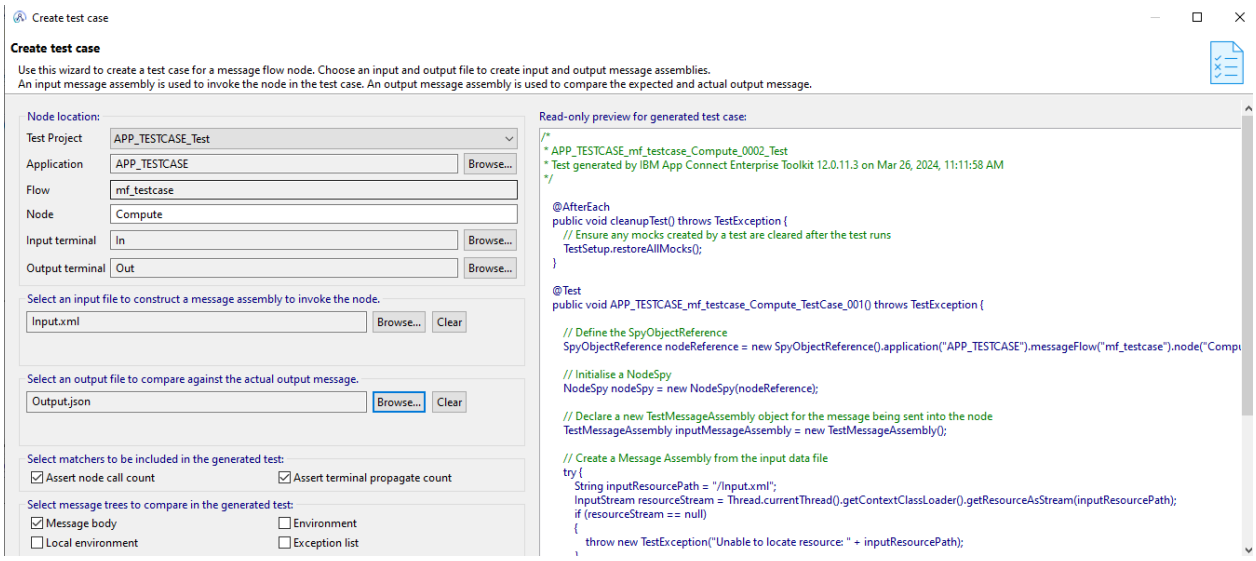
- Create the simple message flow consisting of HTTP input and reply nodes, and a Compute node.
- Using the Flow Exerciser to record the flow of messages through the message flow.
- When messages have been sent through the flow, you can create a test case using the messages that were recorded by the Flow Exerciser.



- After that right-click the Compute node in the message flow and click Create Test Case.

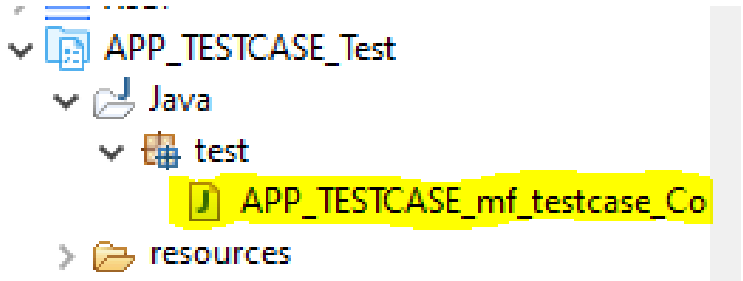


- The Create Test Case dialog is displayed, containing information about the selected message flow node, the names of the files to be used for the input and output messages.
- It will automatically create java code for the whatever we mentioned in the paths.

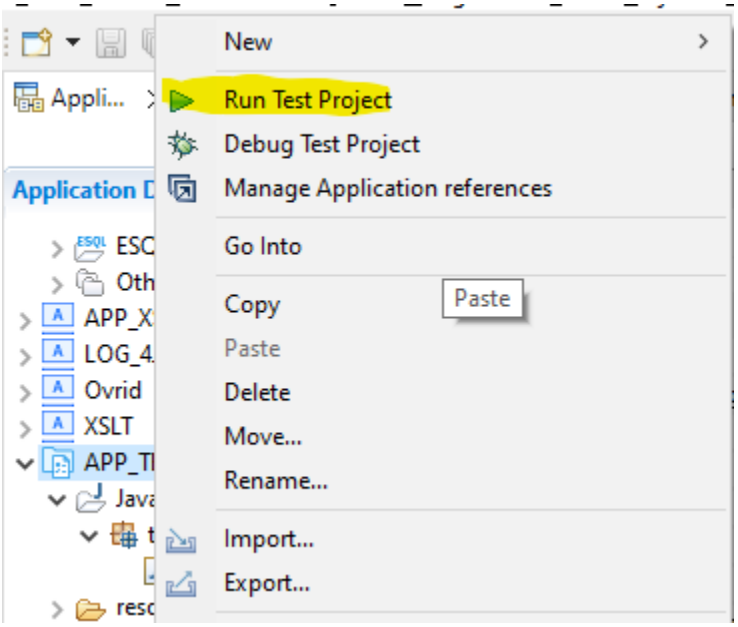


- we can choose which message trees in the message assembly are to be compared in the generated test, by selecting one or more of the following options:
  - Message body
  - Local environment
  - Environment
  - Exception list

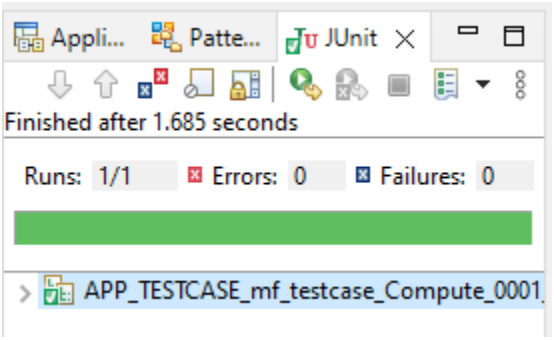
- After clicking finish It will be created as a test project.



- You can run the test by right-clicking the test project XMLtoJSON_App_Test and then clicking Run Test Project.



- View the test result by opening the JUnit view in the Toolkit



- For the Unit Test case it accepts only XMLNSC as input and does not accept other message formats.
- For integers also we have to give the value as “1”.