24. Write a program to demonstrate response assertions in Jmeter

Response assertions in JMeter allow you to validate the content of a sampler response. You can use response assertions to check for the following:

Response code: Checks the HTTP response code to see if it is within a specified range.

Response message: Checks the HTTP response message for specific text.

Response body: Checks the HTTP response body for specific text or patterns.

Response headers: Checks the HTTP response headers for specific values.

To use a response assertion in JMeter, follow these steps:

Add the assertion to the sampler that you want to test.

Configure the assertion to specify the type of check that you want to perform and the expected value.

Run the test.

If the response assertion fails, JMeter will display an error message. You can then use this information to debug your web page or API and fix the problem.