JMeter

* Used to execute testing on web application
  + performance testing
  + load testing and
  + functional testing
* Can stimulate heavy load on a server by creating virtual concurrent users to web server
* Advantages
  + Open Source
  + Ease of Use
    - Java desktop application
  + Platform independent
  + Robust Reporting
    - Test result can be visualized by using Graph, Chart….
    - Support formats like Text, XML, HTML
  + Ultimate testing
    - Load Test
    - Stress Test
    - Functional Test
    - Distributed Test
  + Flexibility

Customize as per requirement and apply automation testing

* + Multi-Protocol Support
    - HTTP
    - FTP
    - SOAP
    - JDBC
    - JMS
    - LDAP
    - Can also be used to test performance of DB
* Disagvantage
  + Memory Consumption
    - Can stimulate heavy load and visualize the test report
    - This consumes lots of memory and can lead out of memory under heavy load
  + Web application only

Not suitable for desktop application

* + Lack support for javascript

Limited support for processing javascript or ajax

Source: <https://www.linkedin.com/pulse/what-jmeter-why-use-advantages-disadvantages-private-limited/>