

# **1. Conclusion**

On comparing the two performance testing tools, namely JMeter and Apachebench, we can observe that they yield the similar results for the respective web technologies.

Since Node is event-driven and single threaded, it performs better in situations that involve a lot of I/O operations, however it's performance suffers when we compare it to more cpu-intensive tasks.

PHP performs well when the number of requests is relatively low, but as the number of requests begins to increase, it's performance drops exponentially.

.NET uses parallel threads hence it is able to outperform Node and PHP when it comes to CPU intensive tasks.