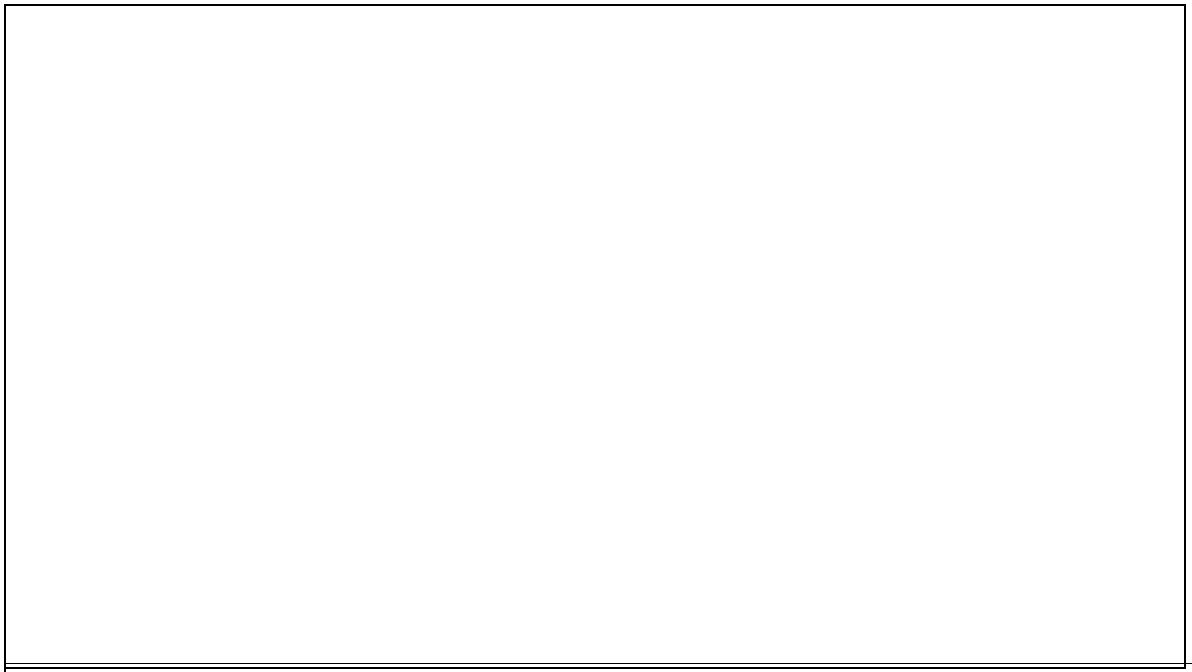
In this module we will learn how to measure computer performance using two metrics: execution time (time to execute a task) and throughput (how many tasks are done per unit of time). We will learn about different factors that impact execution time. To compare different computers, we'll learn about measuring relative performance. Finally, we'll discuss Amdahl's Law, which describes a limit on the performance improvement that is possible with a design enhancement.

By the end of this module you will be able to:

- Describe performance in terms of execution time and throughput.
- Enumerate the factors that impact performance.
- Calculate relative performance between two machines.
- Use Amdahl's Law to determine the performance impact of a proposed improvement.

INTRODUCING THE PERFORMANCE MODULE



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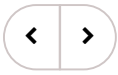

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