

## 1.3 Windows Basics

As you study this section, answer the following questions:

- What are the kernel's functions?
- What is the difference between a GUI and a CLI?
- What type of information is shown on the taskbar?
- Which Windows interface components would you use to switch from one running program to another?
- How does an index improve searching on your computer?

In this lesson, you will learn to:

- Navigate the Windows 10 interface

Key terms for this section include the following:

Term	Definition
Operating system	A set of programs that acts as an interface between the applications that are running on a computer and the computer's hardware.
Multiprocessing	The ability to use multiple processing devices.
Multitasking	The ability to run multiple applications simultaneously.
Multithreading	The ability to run multiple parts of an application simultaneously.
Kernel	The core of the operating system that is loaded into memory when the system boots up.
Driver	A type of computer program that enables the operating system to interact with hardware devices.
Interface	What allows the user to interact with the kernel and the utilities.
Utilities	The features or programs included with an operating system that perform system-related tasks.
Application	A subclass computer program that is designed for end users.

This section helps you prepare for the following certification exam objectives:

Exam	Objective
CompTIA 220-1002	<p>1.1 Compare and contrast common operating system types and their purposes.</p> <ul style="list-style-type: none"><li>▪ Workstation operating systems<ul style="list-style-type: none"><li>▪ Microsoft Windows</li></ul></li></ul>

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