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Homework 1

MART 120

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Interacting with software can be done in many ways such as the command line system (CLI) and the graphical user interface (GUI). The command line system is a software that utilizes user given commands to perform actions.This system used to be the most common interface for software given that it was the most user friendly and interactive mode available. CLI is popular for its program automation that allows scripts to be filed, repeated, or returned to. In comparison to the graphical user interface, CLI requires less system resources for implementation. CLI typically manuals for user referencing and doesn't provide fonts or extended window editing as GUI may. Graphical user interface is a software that allows users to interact with devices with both visual indicators and graphical icons. The GUI promotes user interaction with visual widgets allowing appropriate interactions for the data held. This software specializes in usability for the user, helping ease the use of logical design within a stored program. Depending on the project and object of the software, both the command line system and the graphical user interface can help perform the tasks at hand.

Sources

Wikimedia Foundation. (2025, August 23). *Graphical user interface*. Wikipedia.

https://en.wikipedia.org/wiki/Graphical_user_interface

Wikimedia Foundation. (2025b, August 31). *Command-line interface*. Wikipedia.

https://en.wikipedia.org/wiki/Command-line_interface