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**Exercise: -** why are GUI interfaces preferred to CLI ones.

**Why are GUI interfaces preferred to CLI ones.**

CLI is that the word form used for Command Line Interface. CLI permits users to put in writing commands associate degree exceedingly in terminal or console window to interact with an operating system. CLI is a platform or medium wherever users answer a visible prompt by writing a command and get the response from system, for this users have to be compelled to kind command or train of command for performing the task. CLI is suitable for the pricey computing wherever input exactitude is that the priority.

GUI stands for Graphical User Interface. GUI permits users to use the graphics to interact with an operating system. In graphical user interface, menus are provided such as : windows, scrollbars, buttons, wizards, painting pictures, alternative icons etc. It’s intuitive, simple to find out and reduces psychological feature load. In GUI, the information is shown or presented to the user in any form such as: plain text, videos, images, etc.

**Difference between GUI and CLI:**

|  |  |  |
| --- | --- | --- |
| S/N | CLI | GUI |
| 1 | CLI is difficult to use | Whereas it is easy to use |
| 2 | It consumes low memory | While consumes more memory |
| 3 | In CLI we can obtain high precision | While in it, low precision is obtained |
| 4 | CLI is faster than GUI | The speed of GUI is slower than CLI |
| 5 | In CLI, the information is shown or presented to the user in plain text and files | While in GUI, the information is shown or presented to the user in any form such as: plain text, videos, images, etc |