Year 8 Computing - User interfaces

Command line interface (CLI)

The command line interface enables the user to give instructions to the computer directly, using single characters, whole

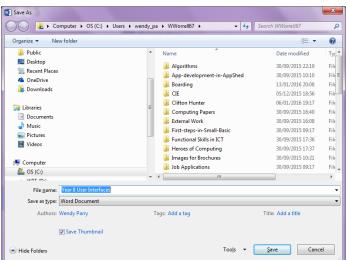
	FAT/FAT32 only: Specifies the files to check for fragmentation
∕F ∕U	Fixes errors on the disk. On PAT/PAT32: Displays the full path and name of every file on the disk. On NTFS: Displays cleanup messages if any.
∕R	Locates bad sectors and recovers readable information (implies /F).
/L:size	NTFS only: Changes the log file size to the specified number of kilobytes. If size is not specified, displays current size.
/X	Forces the volume to dismount first if necessary. All opened handles to the volume would then be invalid (implies /F).
/I /C	NTFS only: Performs a less vigorous check of index entries. NTFS only: Skips checking of cycles within the folder structure.
∕В	NTFS only: Re-evaluates bad clusters on the volume (implies /R)
	witch reduces the amount of time required to run Chkdsk by in checks of the volume.

words or abbreviations. It was the first active dialogue-style interface used with a computer and is still widely used in spite of the many menu-driven interfaces available today.

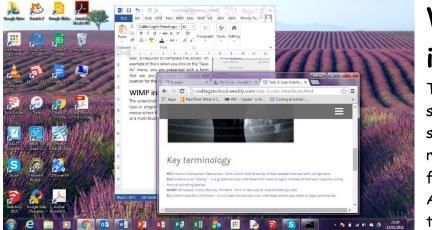
Menu interfaces and forms interfaces

A menu interface uses toolbars and keyboard shortcuts to communicate with the operating system. Menu interfaces come in various different forms, including roll over, pop up, pull down or drop-down menus. The right click function on a mouse is an example of a menu interface.

A forms interface is often used when extra information, which must be supplied by the user, is required to complete the action. An example of



this is when you click on the "Save As" menu, you are presented with a form that ask you to supply a filename and location for the file to be saved.



WIMP interfaces

The screenshot shows several windows. You can see different icons, each representing a different file type or program. Along the top there is a tool bar containing icons.

Above this, there are pull-down menus where further commands are available. WIMPs are graphical user interfaces that use a mouse or a multi-touch surface to enable us to manipulate icons in order to carry out tasks.