## Cheatography

## My CompTIA Mistake compilation Cheat Sheet by Bayan (Bayan.A) via cheatography.com/122738/cs/34801/

Virtualis	ation
Type I (Bare metal)	Hypervisor is installed directly on the computer and interacts directly with its hardware
Type II	Hypervisor runs as a software application within a host operating system
Virtua lis- ation:	Multiple systems can be installed and run simultaneously on a single computer. No single specific operating system is required as a platform component

#### **Common Computing Devices**

Would	Laptops have limited options to
laptops	expanding resources and
make	storage, and therefore cannot
good	compare to the performance of a
servers?	full rack server, for example. A
	laptop is also not meant to run
	nonstop for long periods such as
	months or years. Overheating
	and battery life will be proble-
	matic

#### Using a Workstation

Alt- show previews of the window and Tab allow a user to quickly switch between them

## Using an OS Open Source Linux, Chromium, or OS: Android Commercial Windows & MacOS

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OS

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### Using an OS (cont)

ooling all o		
Key Combin- ations:	CTRL + F50	force the browser to ignore any locally cached files when refreshing a page
	Ctrl and pressing either + or -	instruct the browser to either zoom in or zoom out.
	Holding Ctrl + Alt + Del	bring up a page for account controls and locking the Windows session. This is not a browser hotkey combination.
	ALT + F4	will invoke a Windows function that closes the currently open window.
Windows 10:	indows 10 Term Serv similar to t	0 Enterprise/W- Enterprise (Long icing Channel) is he Pro edition, but it d for licensing by nesses.

#### Using an OS (cont)

Windows 10 Pro is designed for medium to large sized businesses, and comes with networking and management features designed to allow network administrators more control over each client device. Windows 10 Home is designed for domestic small/home office business use. Windows 10 Education/Pro Education has some of the same features as the Enterprise and Pro editions, but it is designed for licensing by schools and colleges.

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Using an OS (cont)		Managing an OS (cont)		Programming	and App Development
Shell:	The "shell" provides an interface between the user and the computer. Early operating systems for PCs	GUI	A GUI is any interface that is controlled by a mouse, keyboard, and/or touchs- creen.	What is an interpreted progra- mming	Interpreted languages do not need to be compiled because the code gets converted to machine code
	utilized command-line interfaces or simple menu systems. Modern computers utilize a Graphical User Interface (GUI) and a command-line interface.	Command Line Interface (CLI)	allows users to interface with the operating system without using a Graphical User Interface (GUI). It is not recommended for use by a standard user.	language? Pseudocode	at runtime a code-like language that does not use a specific syntax for a particular programming language. It contains many of the same
Your first step to open a file located on a network server is to open the Network object from Explorer and locate the server (computer) the file is hosted on.		Microsoft Management Console (MMC)	provides a framework for building management consoles. The Service snap-in allows you to		features (like variables, functions, and conditional statements) but it is generic and can be used as a guide to developing the actual source code.
Which followin	ng object in File Explorer.		configure service properties as well as start and stop		
methods can be used to open the Computer Management console? (Select all that apply.)		Task Manager	services. allows only the starting, stopping, or restarting of services.	conditional branch	Branches are instructions to your computer to execute a different sequence of instru- ctions based on a condition.
		Administrators can assist you in changing your password, but you should be able to do that on your own.			In this scenario, the condit- ional branch being used is called an IF-THEN-ELSE statement.
	Right-click the Start button.	Linux equivalent of Task Scheduler	Cron	vector	programming concept that allows for a variable size container. Vectors can grow
UAC	protection feature in windows that prevents scripts or other software from performing administrative tasks	Pagefile (swap file/v-	It's a file that Windows uses as Virtual Memory. Virtual Memory is disk space		or shrink in size as elements are added or removed.
without authorization. Using UAC,		memory file)	Windows uses when it runs		

without authorization. Using UAC, the user must input their credentials or click through an authorization prompt before configuration changes can be made.

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RAM.

out of physical memory, or

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Programming and App Development (cont)			Programming and App Development (cont)		
markup language	A markup language is not considered a programming language. It uses nested tags within a document to describe its structure and contents.		identifier	used in a program to access a program element, such as a stored value, class, method, or interface. For example, you might assign the identifier	
Compiled language	like C++, use syntax to perform actions which are compiled and linked resulting in an executable file.			FirstName to a stored value that contains a user's first name. In essence, an identifier is a label for something within your	
loop a sequence of instructions that is continually repeated until a certain condition is reached.		program. If your identifier stores data, then it will be either a variable or a constant.			
	Typically, a certain process is done, such as getting an item of data and changing it, and then some condition is checked such as whether a counter has reached a prescribed number.		define an object?	Attributes, methods, and proper- ties. Attributes are values and data types that define the object. Methods define what you can do to an object. Properties represent an alternative way of accessing a field publicly.	
advantage of using a server over a workst- ation	If data is stored on the server and not on the local workst- ation, it is easier to apply access controls and to back it up.		Batch files, Windows PowerShell scripts, and VB Scripts are the three scripting options commonly used in Windows 10 to perform administrative activities and other tasks.		
function	will do something and return a value to the main program				
procedure	A procedure just "does something" without returning a value to the main program.				
			No.4 modelle		

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