Terminals

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As of April 2022, the table below represents viable online/cloud/inexpensive methods for students to use a Linux terminal:

Site	URL	Signup	Cost	Root	Pros	Cons
Amazon CloudShell	https://aws.amazon.com/cloudshell/	yes	free, paid	yes	• You may already have an Amazon account	• Learning curve
Cisco Netacademy	https://www.netacad.com/portal/self-enroll/m/1211726	yes	free	no	• NDG Linux Essentials Course is a BONUS!	
Codeanywhere	https://codeanywhere.com/	yes	free (trial only), paid	no	• ssh access • integrates w/Google Drive	• It's not truly free
Copy.sh	https://copy.sh/v86/	no	free	yes	• Upload CD or floppy disk images	• Cannot save sessions
Digital Ocean droplets	https://www.digitalocean.com/products/droplets	yes	~$5/month	yes	• dedicated terminal, must install Linux	
DistroTest	https://distrotest.net/index.php	no	free	yes	• Can be laggy • They have Kali!	• Can be a rabitt hole, sometimes slow
Google/GCP CloudShell	http://console.cloud.google.com/cloudshell	yes	free, paid	yes	• Gmail gets you a free Debian VM w/5Gb storage	• Learning curve
JS/UIX	https://www.masswerk.at/jsuix/index.html	no	free	no	• Virtual keyboard	
JSLinux	https://bellard.org/jslinux/	no	free	yes	• Full emulated terminal • File uploads	• Cannot save sessions
Linode	https://www.linode.com/	yes	~$5/month	yes	• must install Linux • Offers $100 credit	
Linux Containers	https://linuxcontainers.org/lxd/try-it/	no	free	yes	• Supports IPv6	• Only 30 mins per session
Linux Zoo	https://linuxzoo.net/	yes	free	yes	• VM, shell, or ssh access	• Login process is tiring • Capacity issues
MS Azure CloudShell	https://portal.azure.com/#cloudshell/	yes	free, paid	no	• You may already have an Microsoft account	• Learning curve
RaspberryPI	BestBuy, Target, Amazon, PiHut	no	$35	yes	• You own it! • ssh access	• Need a monitor for setup
Webminal	https://www.webminal.org/	yes	free, paid	no	• Includes lessons	10 simultaneous processes
WebVM	https://webvm.io/	no	free	no	• Terminal access	• Seems buggy at times
WGU C851 Labs	https://lrps.wgu.edu/provision/272095608	yes	free (via your tuition)	yes	• Full Oracle Linux VM • Comes with the course	• VM takes ~2 mins to spin up; time limits enforced
WSL	Your local Windows 10/11 computer	no	free		• Right there on your Windows machine	• You may need to install WSL on your machine