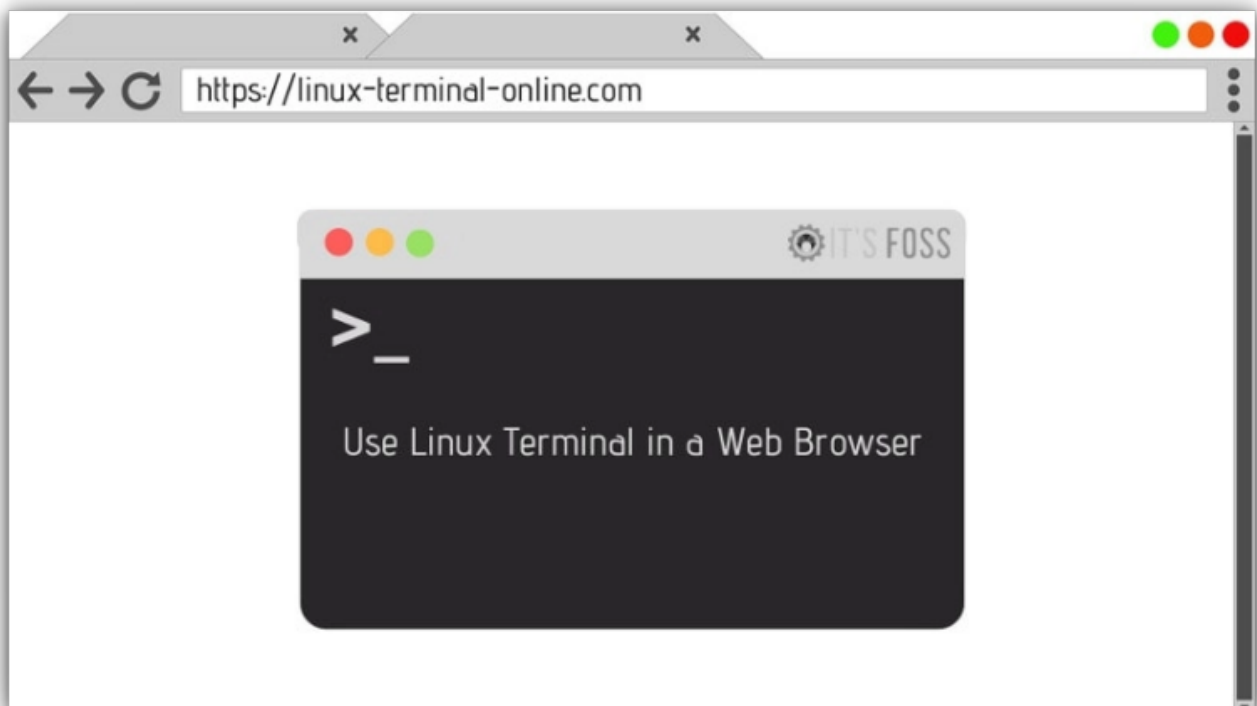


Best Online Linux Terminals and Online Bash Editors

By Ankush Das Updated on May 27, 2022 20 Comments Reading Time: 8 minutes

No matter whether you want to practice Linux commands or just analyze/test your shell scripts online, there are always a couple of online [Linux terminals](#) and online bash compilers available.

This is particularly helpful when you are using the Windows operating system. Though you can [install Linux inside Windows using Windows Subsystem for Linux](#), using online Linux terminals is often more convenient for a quick test.



But where can you find a free Linux console? Which online Linux shell should you use?

Fret not, to save you the hassle we have compiled a **list of the best online Linux terminals and a separate list of best online Bash compilers** for you to look at.

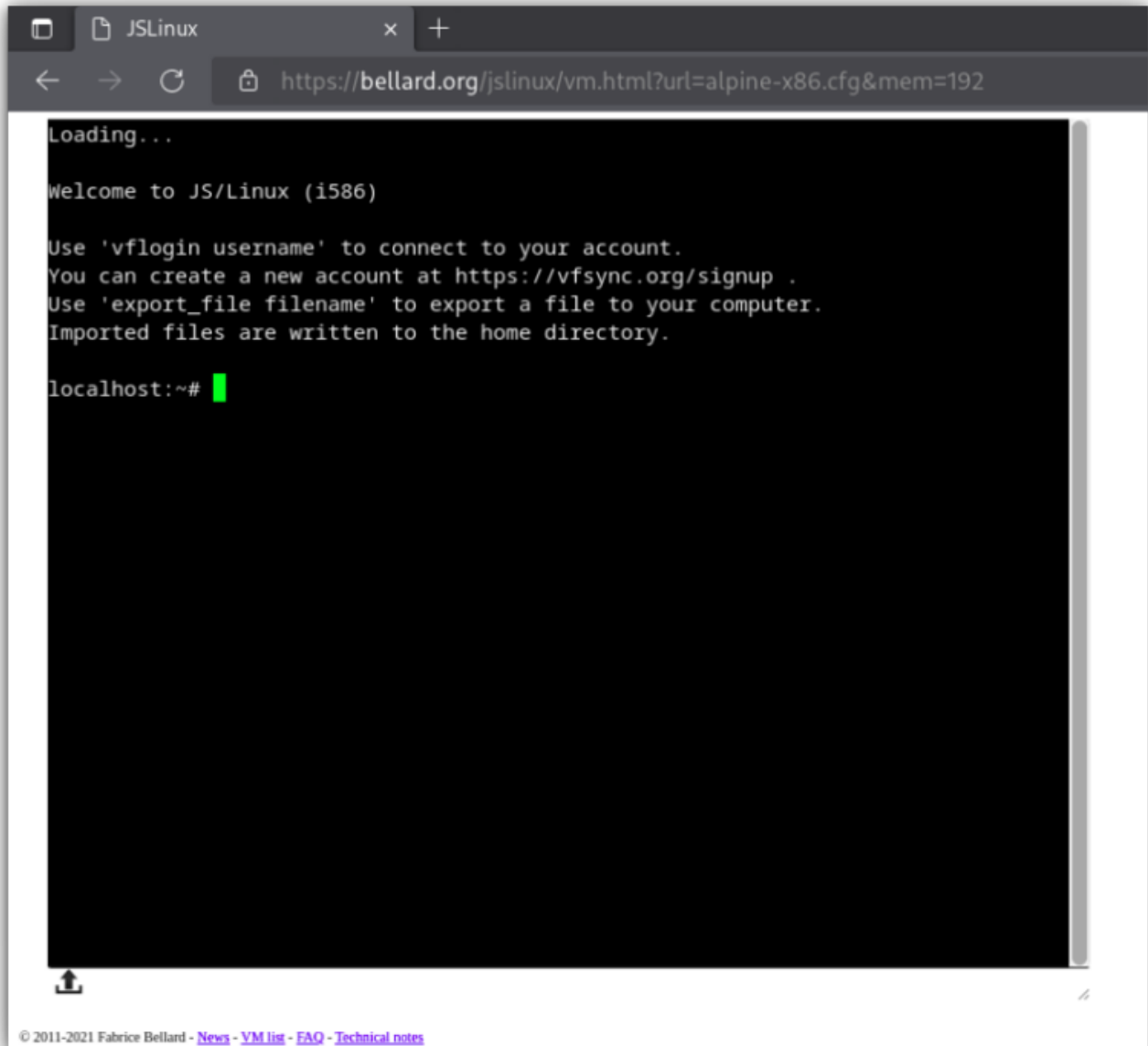
Note: *All of the online terminals support several web browsers, including Google Chrome, Mozilla Firefox, Opera, and Microsoft Edge.*

Best Online Linux Terminals to Practice Linux Commands

In the first part, I'll list the online Linux terminals. These websites allow you to run regular Linux commands in a web browser so that you can practice or test them.

Some websites may require you to register and log in to save your sessions.

1. JSLinux



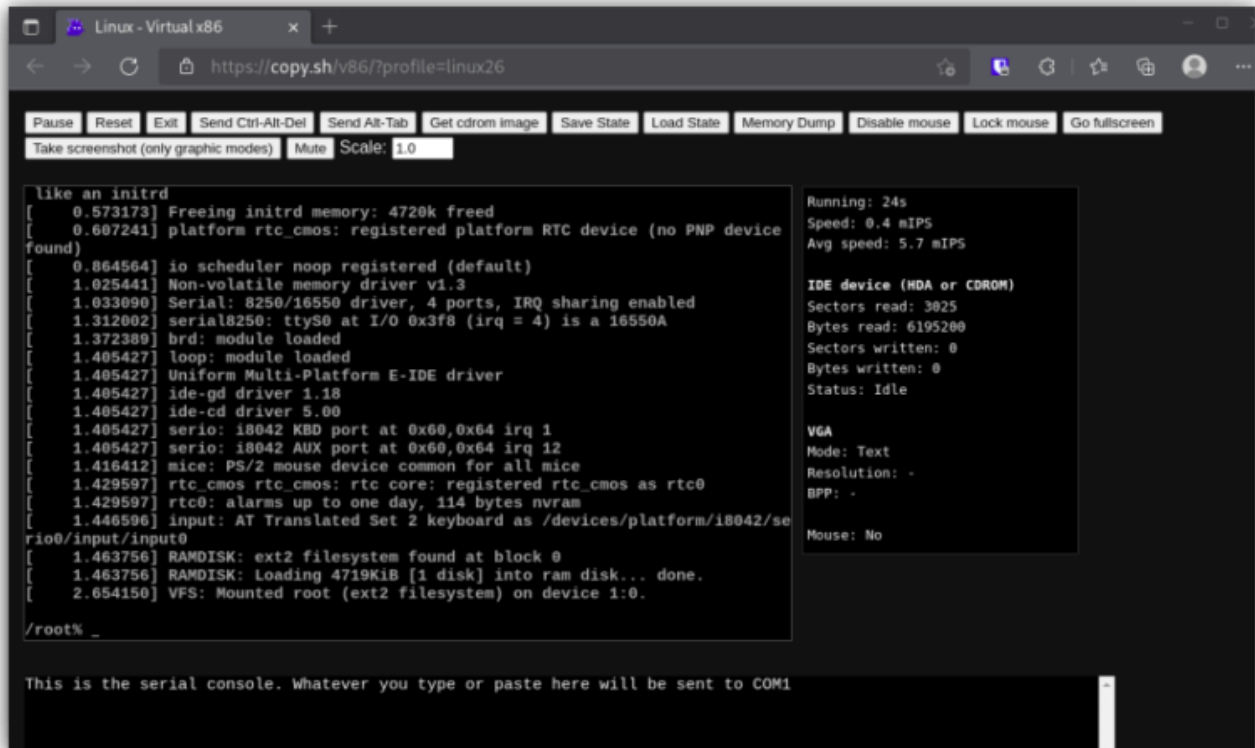
JSLinux

JSLinux functions more like a complete Linux emulator instead of just offering you the terminal. As the name suggests, it has been written entirely in JavaScript. You get to choose a console-based system or a GUI-based online Linux system. For this case, you would want to launch the console-based system to practice Linux commands. To be able to connect your account, you need to sign up first.

JSLinux also lets you upload files to a virtual machine. At its core, it utilizes [Buildroot](#) (a tool that helps you to build a complete Linux system for an embedded system).

Try JSLinux Terminal

2. Copy.sh



Copy.sh

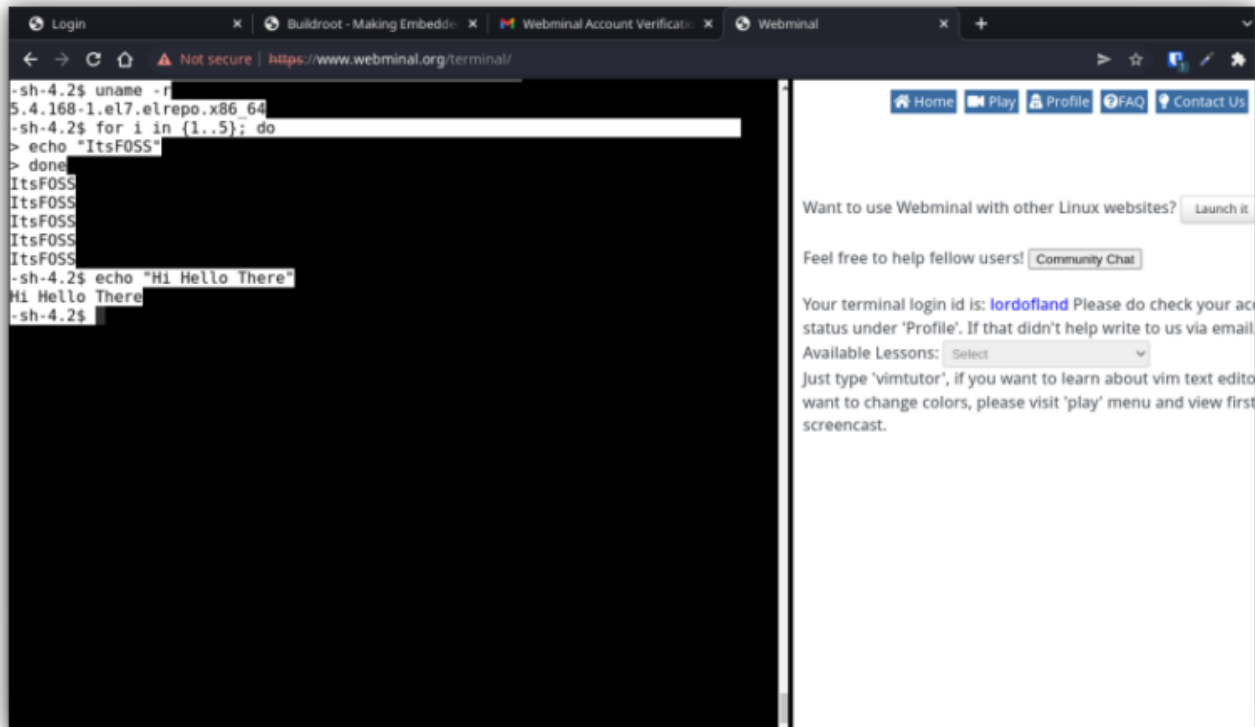
Copy.sh offers one of the best online Linux terminals, a fast and reliable way to test and run Linux commands.

Copy.sh is on [GitHub](#) and it is being actively maintained, which is a good thing. It also supports other operating systems, including:

- Windows 98
- KolibriOS
- FreeDOS
- Windows 1.01
- Archlinux
- ReactOS
- FreeBSD

Try Copy.sh Terminal

3. Webminal

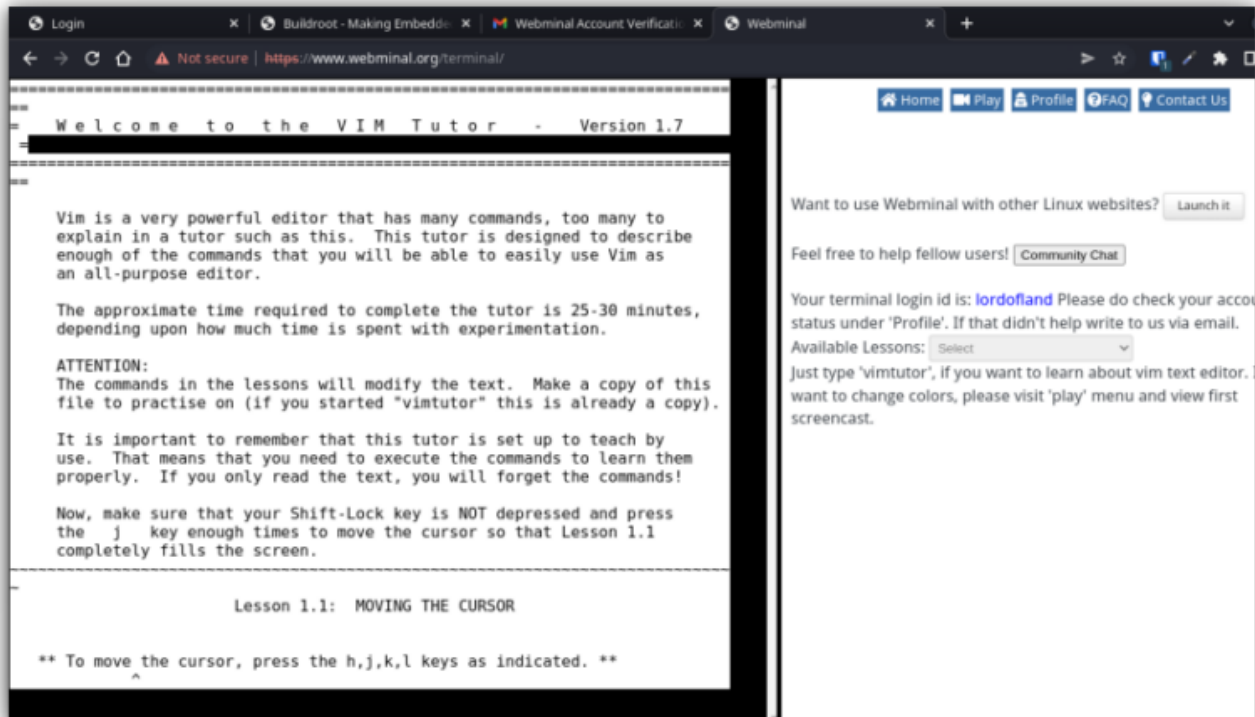


Webminal

Webminal is an impressive online Linux terminal, and my personal favorite when it comes to a recommendation for beginners to practice Linux commands online.

The website offers several lessons to learn from while you type in the commands in the same window. So you do not need to refer to another site for a lesson, then switch back or split the screen in order to practice commands. It's all right there in a single tab on the browser.

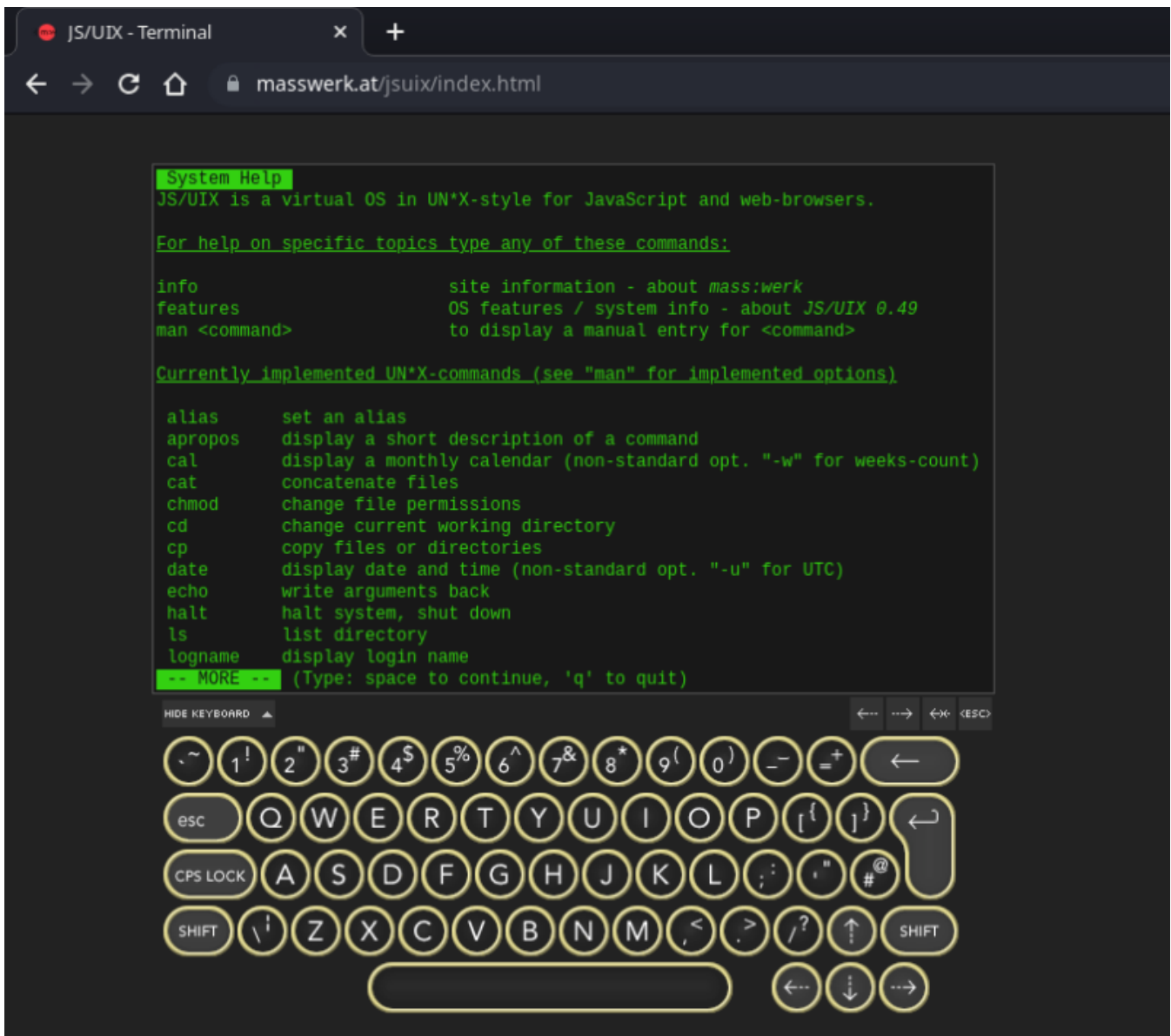
There is an interactive **vimtutor** command, which helps to learn the Vim editor in an interactive way.



Webminal vimtutor

Try Webminal Terminal

4. JS/UIX



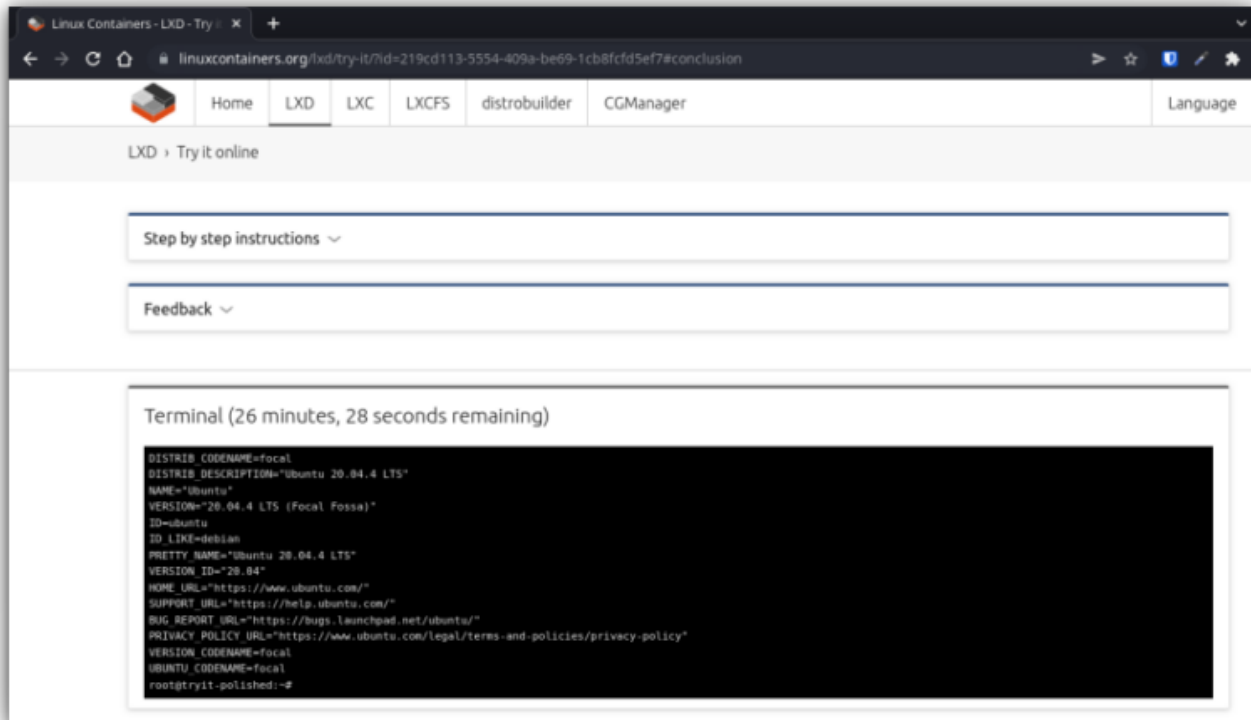
JS/UIX

JS/UIX is yet another online Linux terminal that is written entirely in JavaScript without any plug-ins. It contains an online Linux virtual machine, virtual file system, shell, and so on.

You can go through its manual page for the list of commands implemented.

Try JS/UIX Terminal

5. Linux Containers

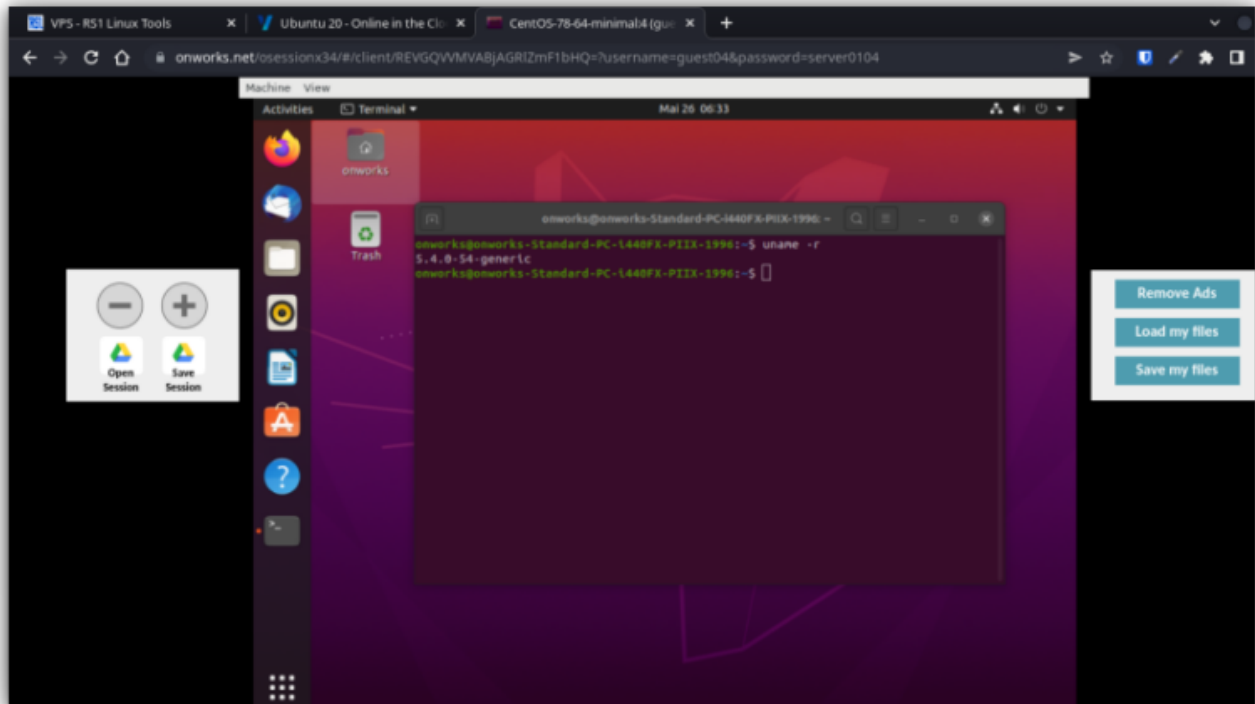


Linux Containers

Linux Containers lets you run a demo server (with a 30-minute time limit) which acts as one of the best online Linux terminals. In fact, it's a **project sponsored by Canonical**.

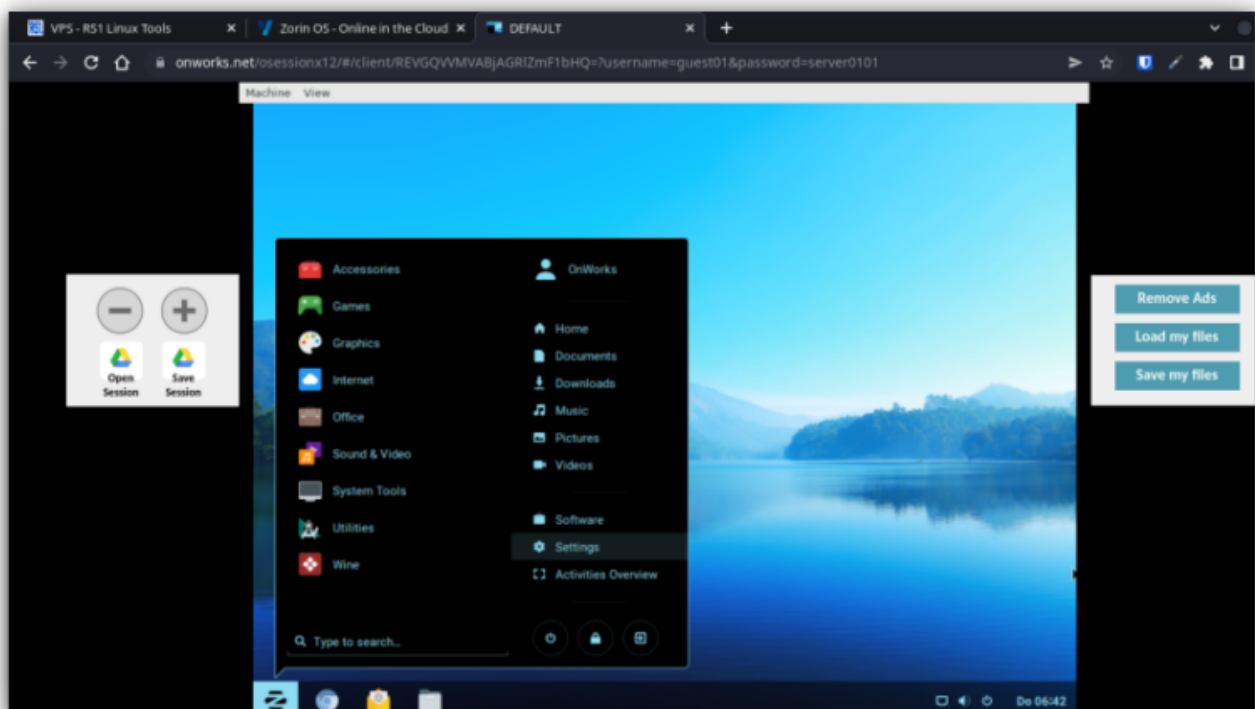
Try Linux LXD

6. OnWorks



Here you can find OS like Ubuntu, Zorin, Elementary, etc. including their respective desktop environment. Syncing with Google Drive is available.

There are several restrictions like you cannot be idle for more than 5 mins, possible ads (free version), etc. Still, a full-fledged Linux distribution can be accessed.



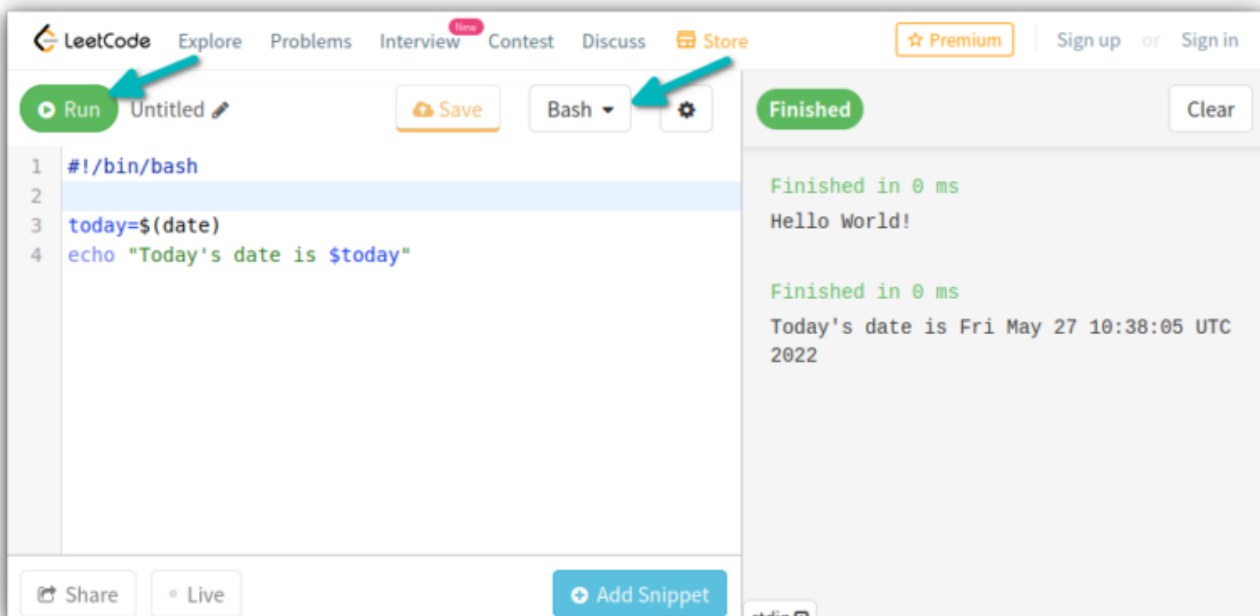
Best Online Bash Editors

Wait a sec! Are the online Linux terminals not good enough for Bash scripting? They are. But creating Bash scripts in terminal editors and then **running those shell scripts** is not as convenient as using an online Bash editor.

These Bash editors allow you to easily write shell scripts online, and you can run the scripts to check if they work or not.

Let's see where you can run shell scripts online.

1. LeetCode Playground



LeetCode Bash terminal

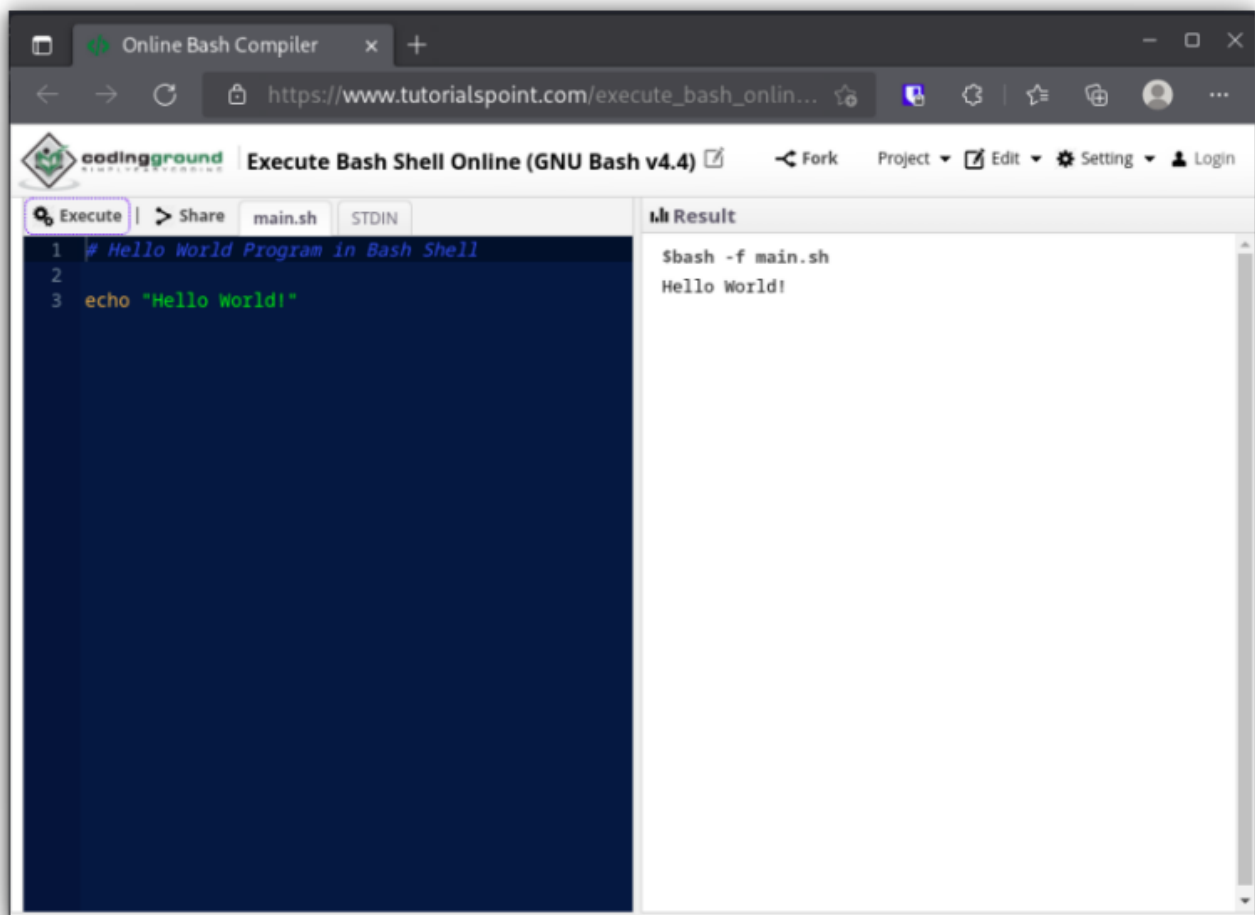
LeetCode is a popular platform for learning to code. They have coding exercises in many programming languages.

LeetCode gives you a 'playground' to run code online. A good enough tool for running some bash script and seeing how it behaves.

The best thing is that you don't have to sign up or sign in. Don't forget to choose Bash from the dropdown.

LeetCode Playground

2. Tutorialspoint Bash Compiler

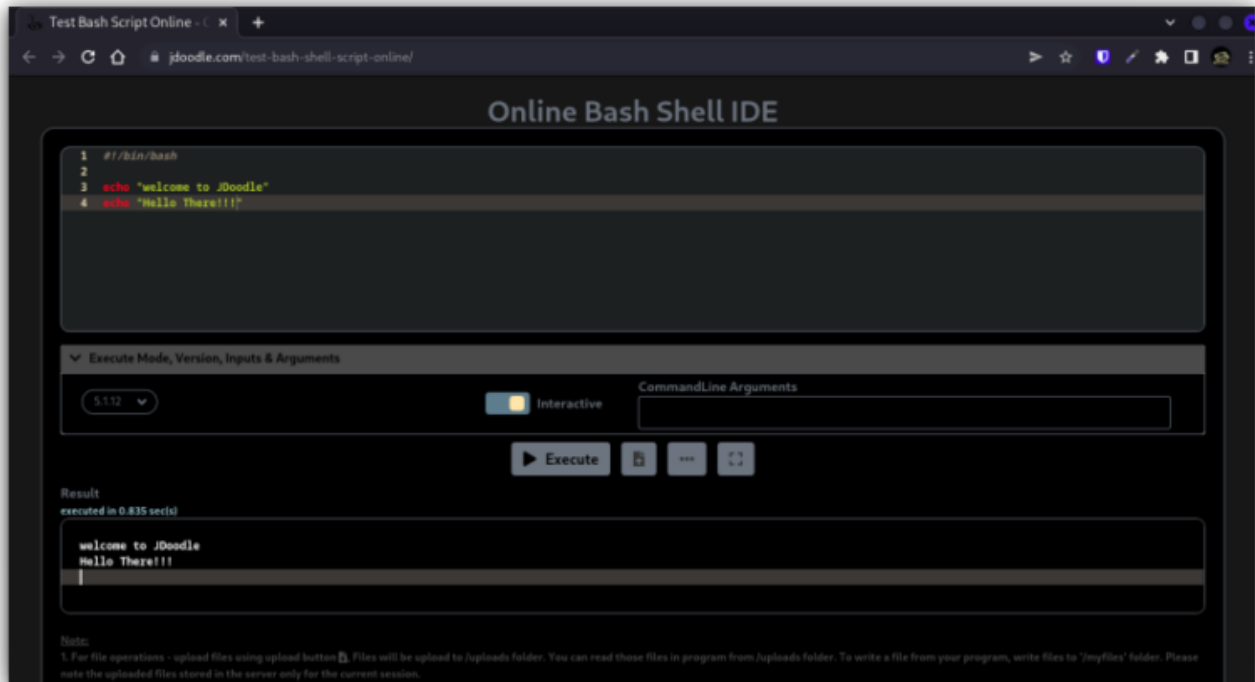


Tutorialspoint Bash Editor/Compiler

Tutorialspoint, mentioned earlier, also offers an online Bash compiler. It is a very simple Bash compiler to execute the Bash shell online.

Try Tutorialspoint Bash Compiler

3. JDOODLE

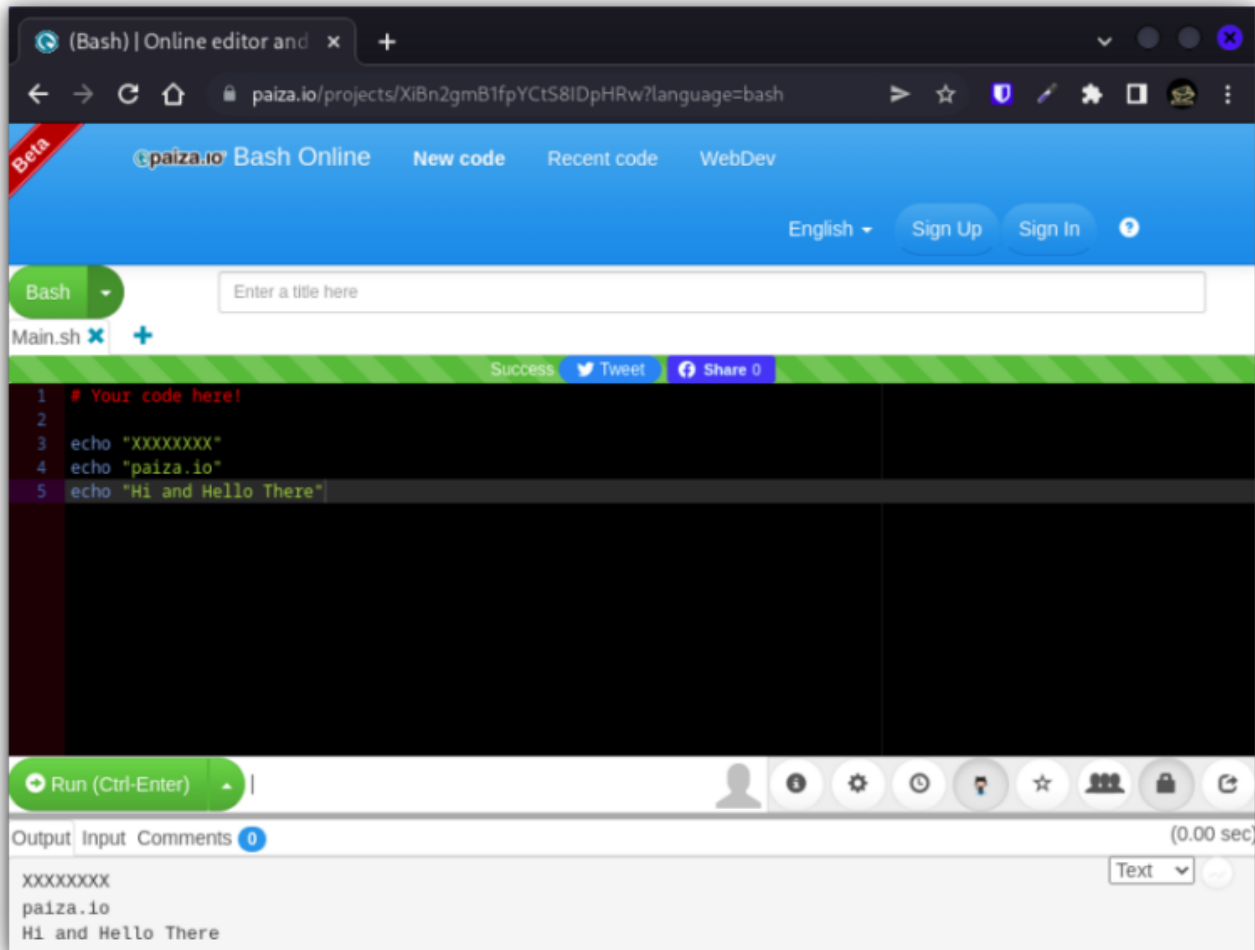


JDoodle

Another useful online Bash editor to test Bash scripts is JDOODLE. It also offers other IDEs, but we'll focus on Bash script execution here. You get to set the command line arguments and the stdin inputs and get the results of your code.

Try JDoodle Bash Script Online Tester

4. Paiza.io

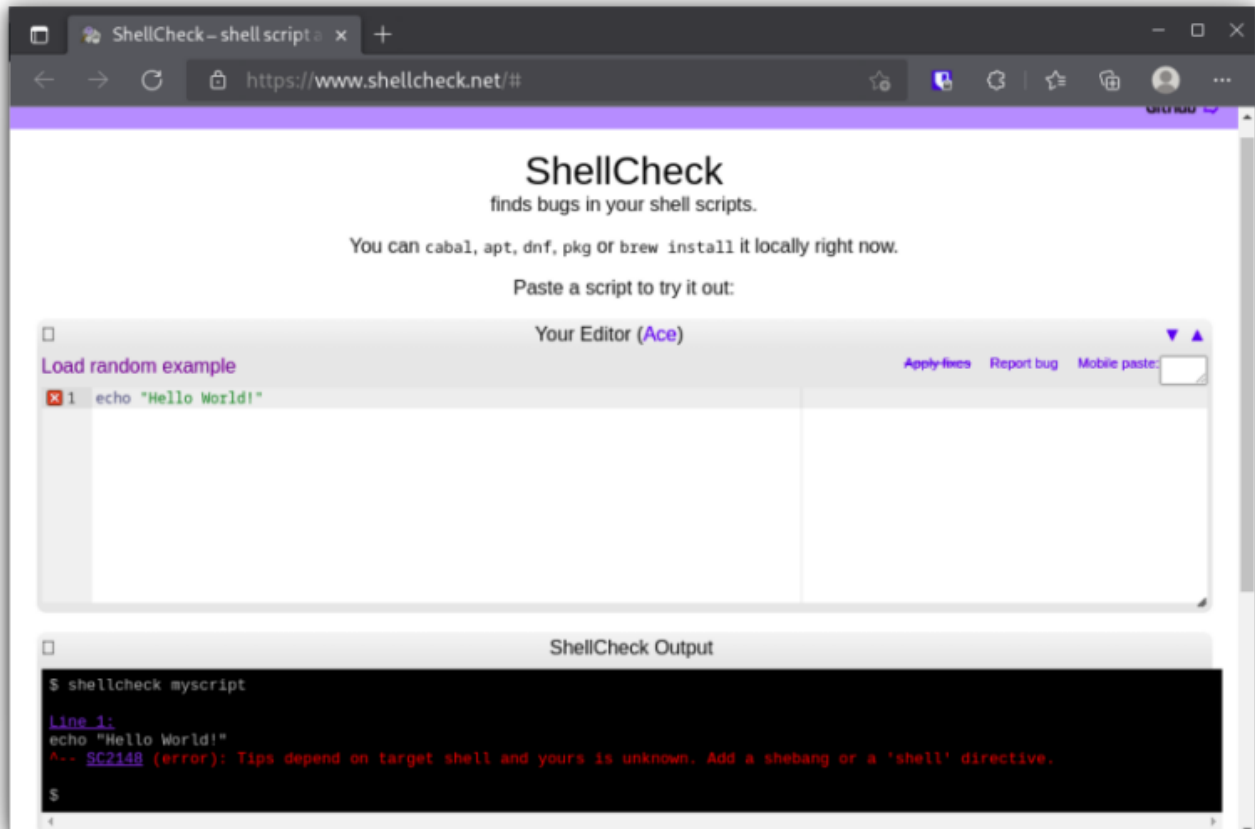


Paiza.io

Paiza.io is a good Bash online editor that you can try for free. To utilize some of its advanced features, like task scheduling, you need to sign up first. It supports real-time collaboration, but that's still in the experimental phase. They also have an online Linux terminal at paiza.cloud.

Try Paiza.io Bash Editor

5. ShellCheck

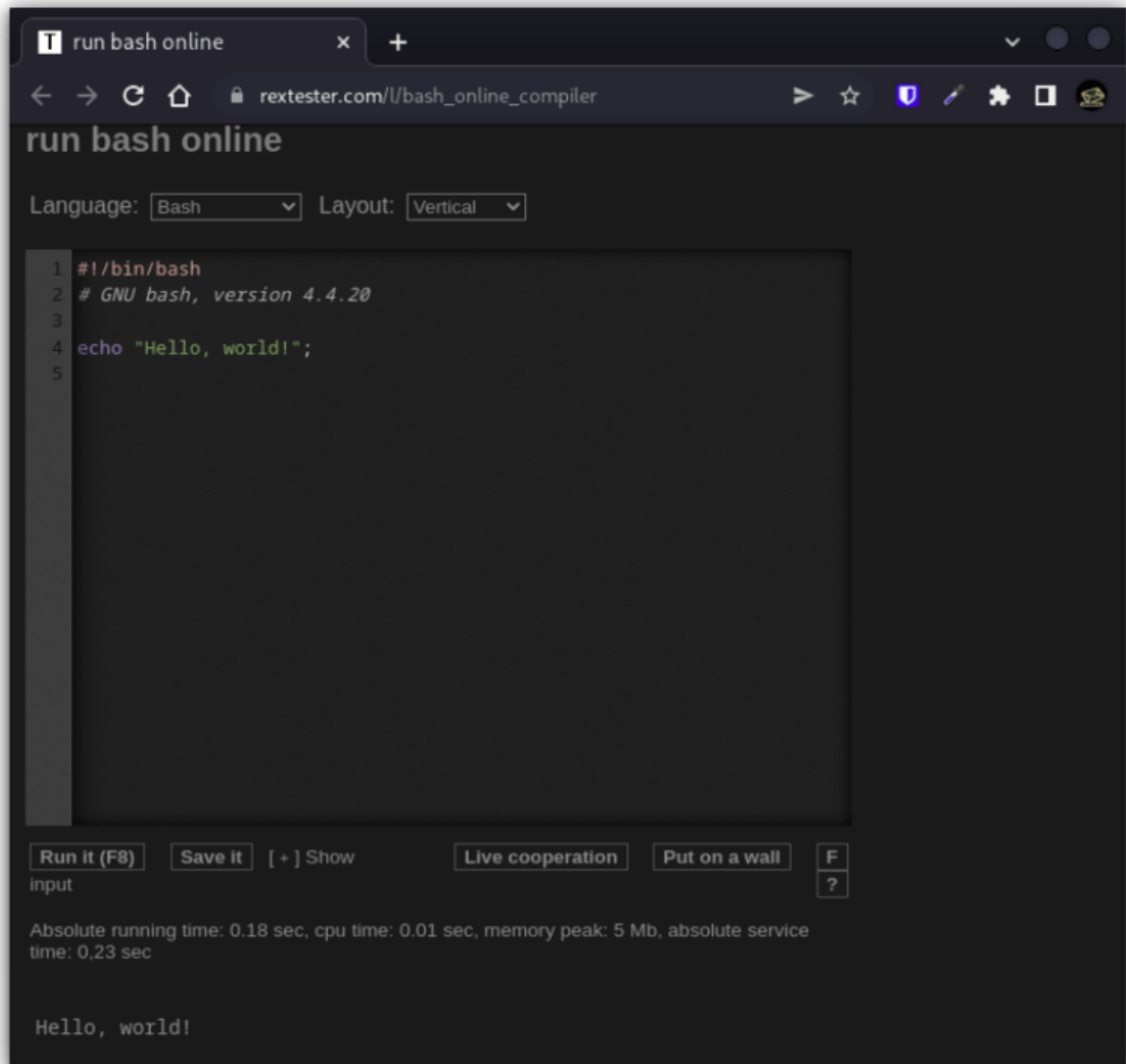


Shell check

An interesting Bash editor which lets you find bugs in your shell script. It is available on [GitHub](#). You can install ShellCheck locally on [supported platforms](#).

Try ShellCheck

6. Rextester

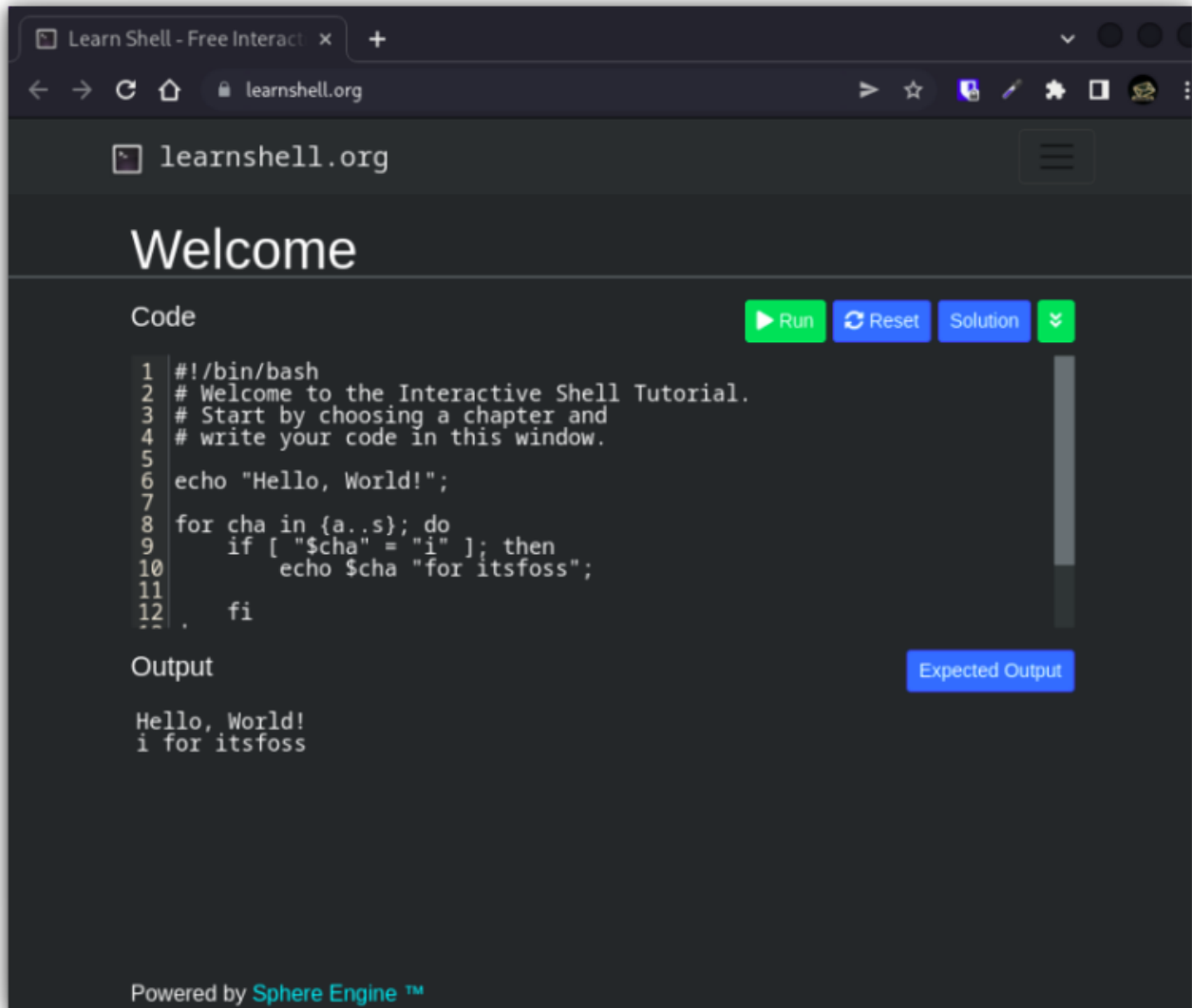


Rextester

If you want a dead-simple online Bash compiler, Rextester should be your choice. It also supports other programming languages.

Try Rextester

7. Learn Shell

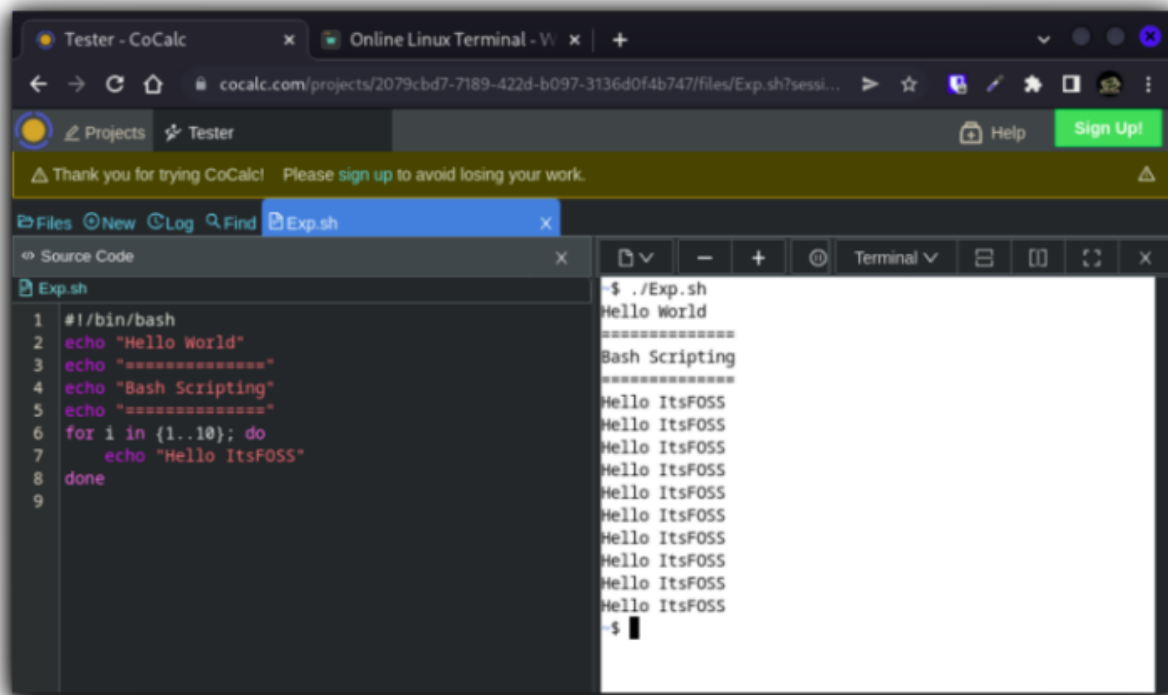


Learn Shell

Just like [Webminal](#), Learnshell provides you with the resources to learn shell programming and run/try your code at the same time. It covers the basics and a few advanced topics as well.

Try Learn Shell Programming

8. CoCalc



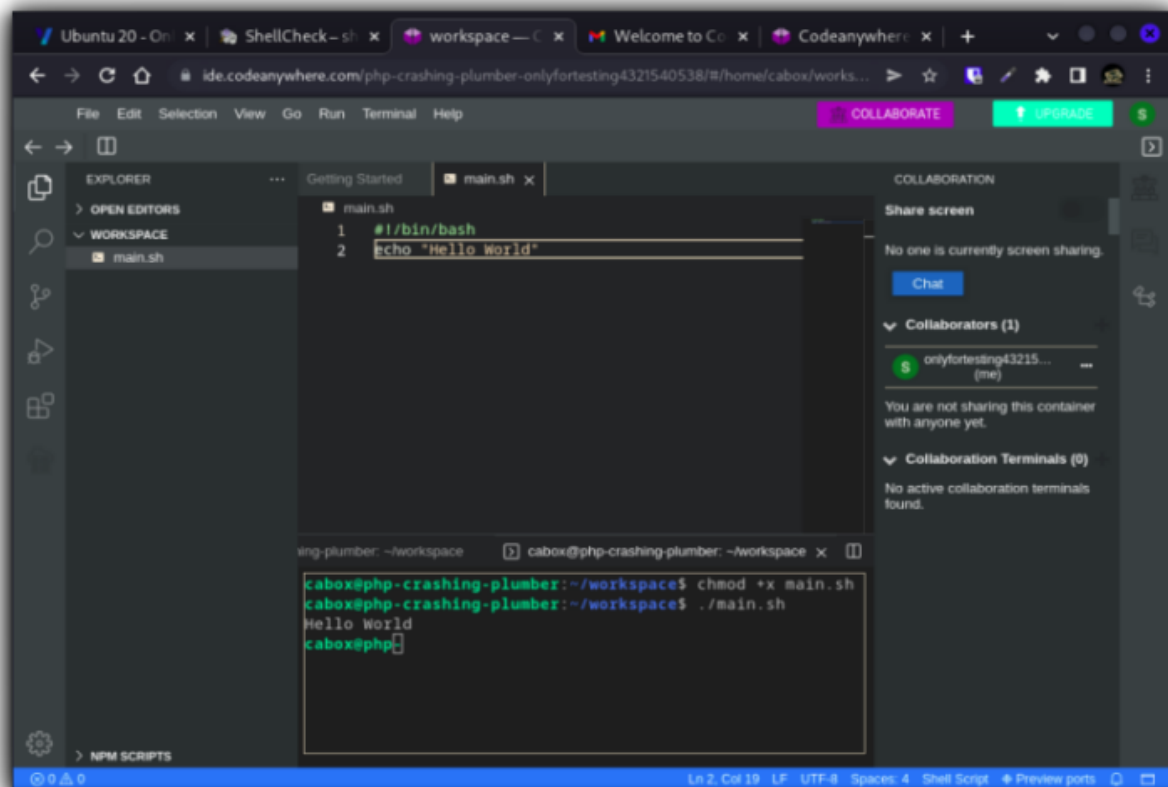
CoCalc

CoCalc provides an online computing environment with a comprehensive software stack that can be utilized by professionals and students as well. It offers both free and paid options. With the free plan, you get limited access to features along with the restriction of Internet access. Also, expect a mediocre performance of the server with the free trial. If you opt for a subscription plan, you can start collaborating in real-time, access the Internet, and do a lot more stuff on a high-performance server.

Of course, you can try to launch a Linux terminal or run a bash script without having a premium subscription. If that works out for your requirement – you may continue using it or upgrade the subscription to avail of all the benefits – which include automatic backup of what you're doing.

Try CoCalc

9. Codeanywhere

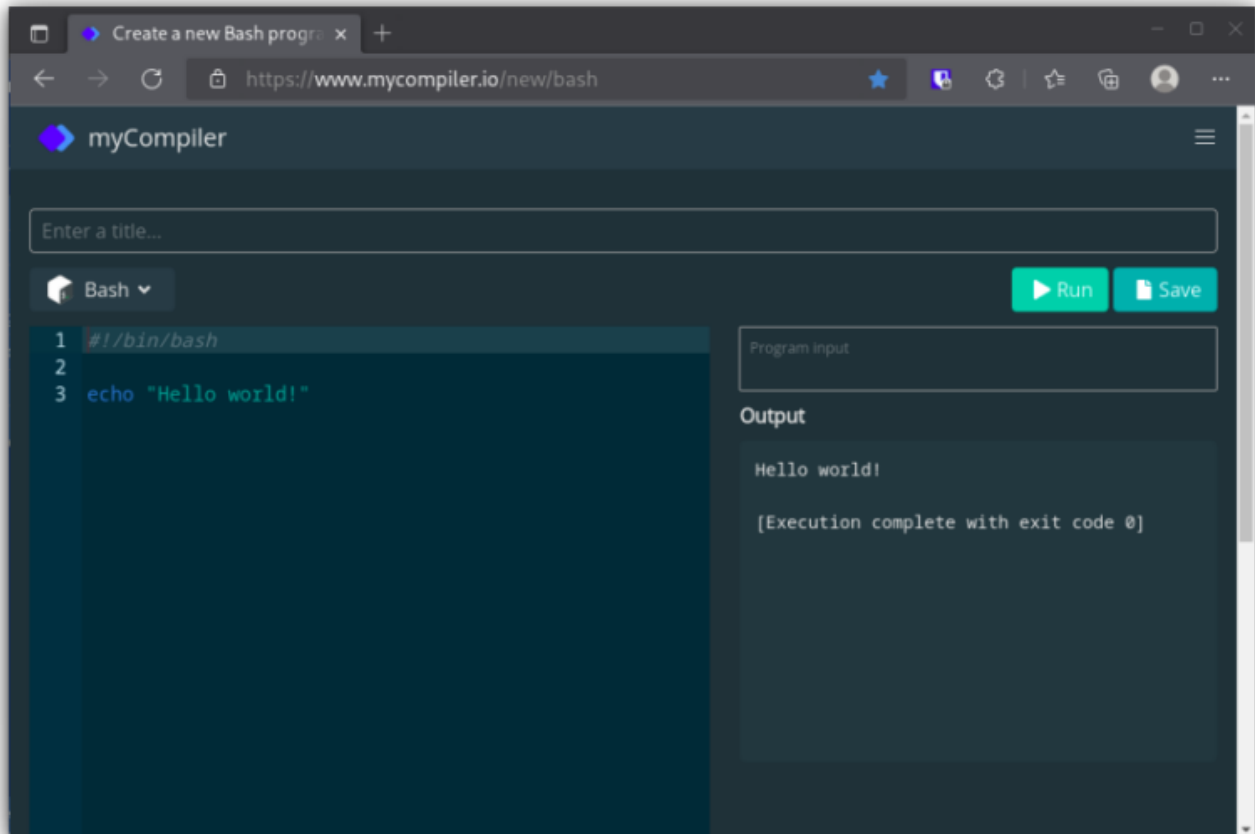


Codeanywhere

Codeanywhere is a service that offers cross-platform cloud IDEs. However, in order to run a free Linux virtual machine, you need to sign up and choose the free plan. Then proceed to create a new connection, setting up a container with the OS of your choice. Finally, you will have a free Linux console at your disposal.

Try Codeanywhere

10. MyCompiler

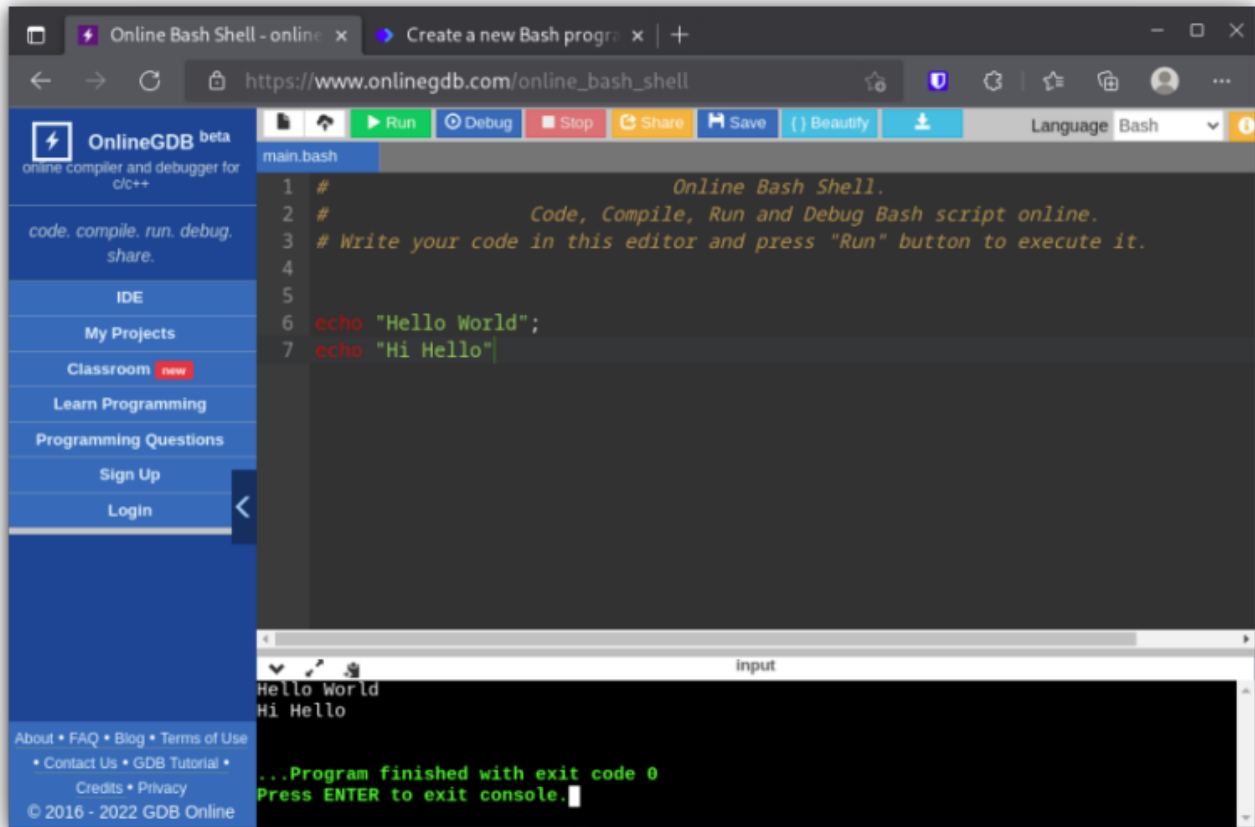


MyCompiler

It is an online IDE to edit, compile and run code. It supports multiple programming languages. There is command suggestion and auto-completion available in this editor for bash scripting.

Try MyCompiler for Bash Scripting

11. OnlineGDB IDE



OnlineGDB

This is also an IDE which supports bash scripting with command suggestion and auto-completion. This one also completes syntax for commands like for loop.

Try OnlineGDB Bash Editor

Wrapping Up

Now that you know about the fastest, most reliable online Linux terminals and online bash editors, it's time to learn, experiment, and play with some code!

Have we missed one of your favorite online Linux terminals, or maybe the best online Bash compiler you happen to use? Let us know your thoughts in the comments below.



*Can you get 100% in this simple **Linux Command** quiz?*

via It's FOSS

 START QUIZ



Ankush Das

A passionate technophile who also happens to be a Computer Science graduate. You will usually see cats dancing to the beautiful tunes sung by him.

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Reply to kavi

Ricardo

1 year ago

It's a bit late, but there is a new option: <https://rs1.es> (RS1 Free Web Tools): you'll get a full VPS (not an emulator, with root access) you can access to with your browser or with an SSH client. I tested several of the above options and I think this is the best free, 1-click (no registration required) online Linux terminal.

 1 0[Reply to Ricardo](#)

Shohei

2 years ago

Hi, Wazaterm (<https://www.wazaterm.com>) is another online Linux terminal. There are many features as following.

1. You can ssh to the terminal as well – sshfs or scp to copy files or ssh port forwarding to connect to your home PC.
2. Webhook to stop/start terminal. You can integrate with clone or IFTTT to deal with this.
3. You can schedule backups
4. Some ports are available to connect so you can bring dev server for development, or even you can run VSCode(code server) on HTTPS in a secure way.
5. You can run as an independent app using PWA(recommended), Chrome extension, or Electron app.

Hope Wazaterm is added to the list above.

 3 1[Reply to Shohei](#)

mayank

2 years ago

I made a terminal, it has all glitch commands. onlinux.glitch.me

 3

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[Reply to mayank](#)

Toni

3 years ago

it gives me error when i type `sh/~unzip Frankfurd.hacked.perl` i dont know why it linux

 1

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