

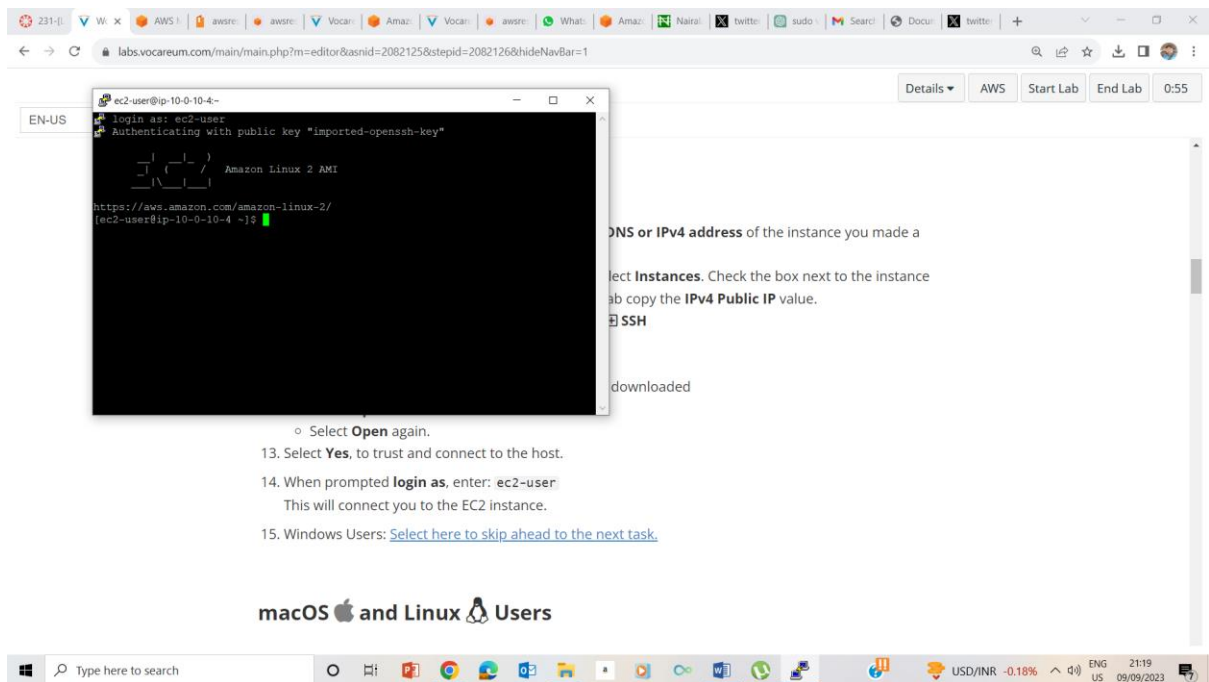
Instructions you are currently reading, and then
ted.
user.ppk file.
rectory.

ance. If you do not have PuTTY installed on your
sion open for a longer period of time.:

- Select **Connection**
- Set **Seconds between keepalives** to **30**

12. Configure your PuTTY session:

- Select **Session**
- Host Name (or IP address):** Paste the **Public DNS or IPv4 address** of the instance you made a note of earlier.
Alternatively, return to the EC2 Console and select **Instances**. Check the box next to the instance you want to connect to and in the **Description** tab copy the **IPv4 Public IP** value.
- Back in PuTTY, in the **Connection** list, expand **SSH**



DNS or IPv4 address of the instance you made a

ect **Instances**. Check the box next to the instance
ab copy the **IPv4 Public IP** value.

SSH



downloaded

- Select **Open** again.

13. Select **Yes**, to trust and connect to the host.

14. When prompted **login as**, enter: **ec2-user**
This will connect you to the EC2 instance.

15. Windows Users: [Select here to skip ahead to the next task.](#)

macOS  and Linux  Users

Task 2: Exercise - run the Vim tutorial

Write vimtutor and press enter-

```
ec2-user@ip-10-0-10-4:~$ vim
=====
Welcome to the VIM Tutor - Version 1.7
=====

Vim is a very powerful editor that has many commands, too many to
explain in a tutor such as this. This tutor is designed to describe
enough of the commands that you will be able to easily use Vim as
an all-purpose editor.

The approximate time required to complete the tutor is 30 minutes,
depending upon how much time is spent with experimentation.

ATTENTION:
The commands in the lessons will modify the text. Make a copy of this
file to practice on (if you started "vimtutor" this is already a copy).

It is important to remember that this tutor is set up to teach by
use. That means that you need to execute the commands to learn them
properly. If you only read the text, you will forget the commands!

Now, make sure that your Caps-Lock key is NOT depressed and press
the  j  key enough times to move the cursor so that lesson 1.1
completely fills the screen.
=====
Lesson 1.1: MOVING THE CURSOR

** To move the cursor, press the h,j,k,l keys as indicated. **
      ^
      k           Hint: The h key is at the left and moves left.
< h      l >       The l key is at the right and moves right.
      j           The j key looks like a down arrow.
      v
1. Move the cursor around the screen until you are comfortable.
2. Hold down the down key (j) until it repeats.
   Now you know how to move to the next lesson.
3. Using the down key, move to lesson 1.2.

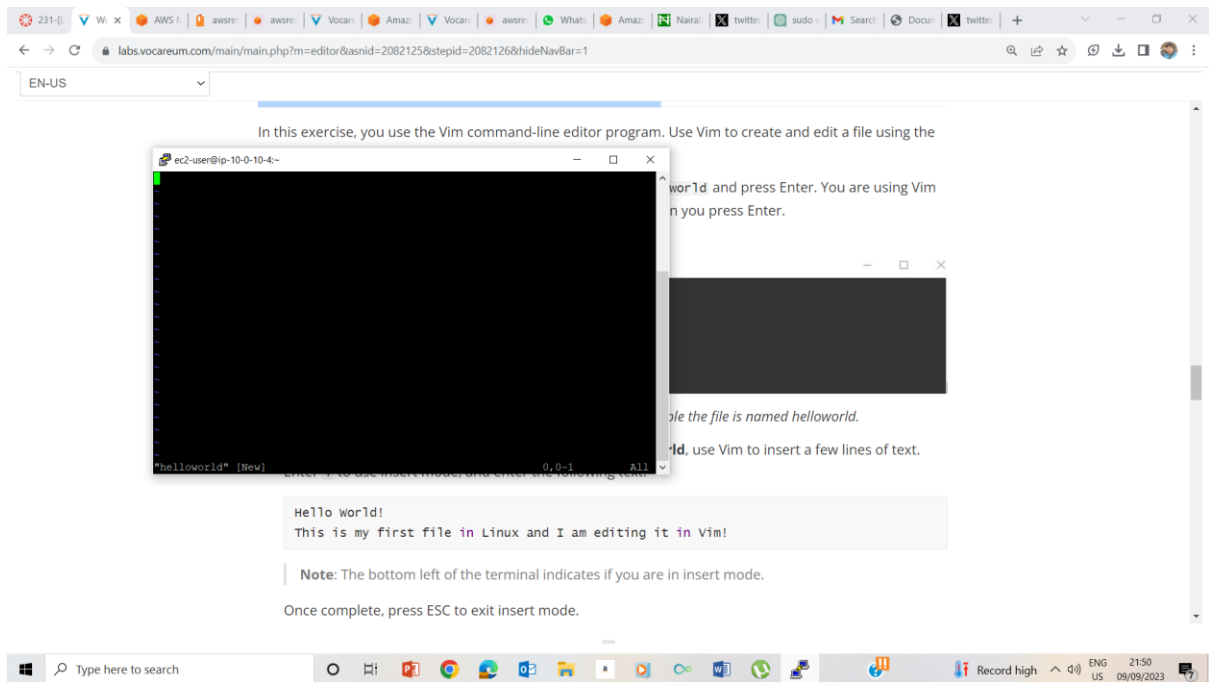
NOTE: If you are ever unsure about something you typed, press <ESC> to place
you in Normal mode. Then retype the command you wanted.

NOTE: The cursor keys should also work. But using hjkl you will be able to
move around much faster, once you get used to it. Really!
=====
Lesson 1.2: EXITING VIM
```

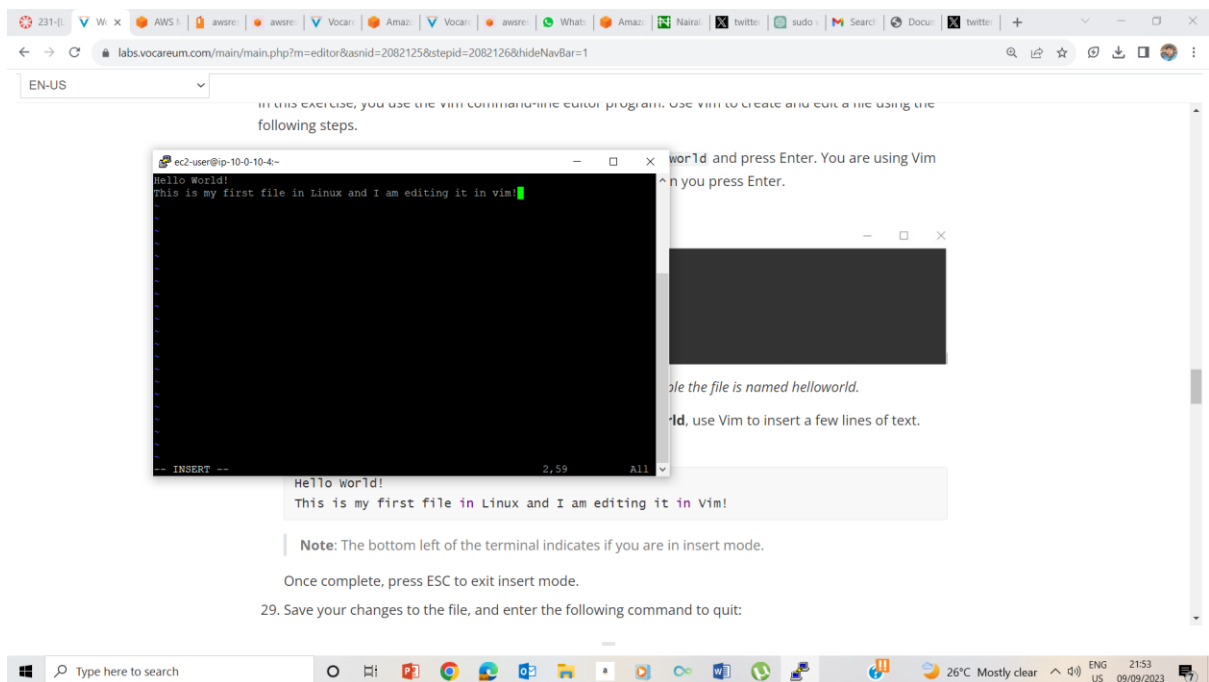
25. Press letter 'j' to move down pressed letter 'k' to move up, pressed letter h to move left and pressed letter 'l' to move right.

I pressed :q! to exit vimtutor

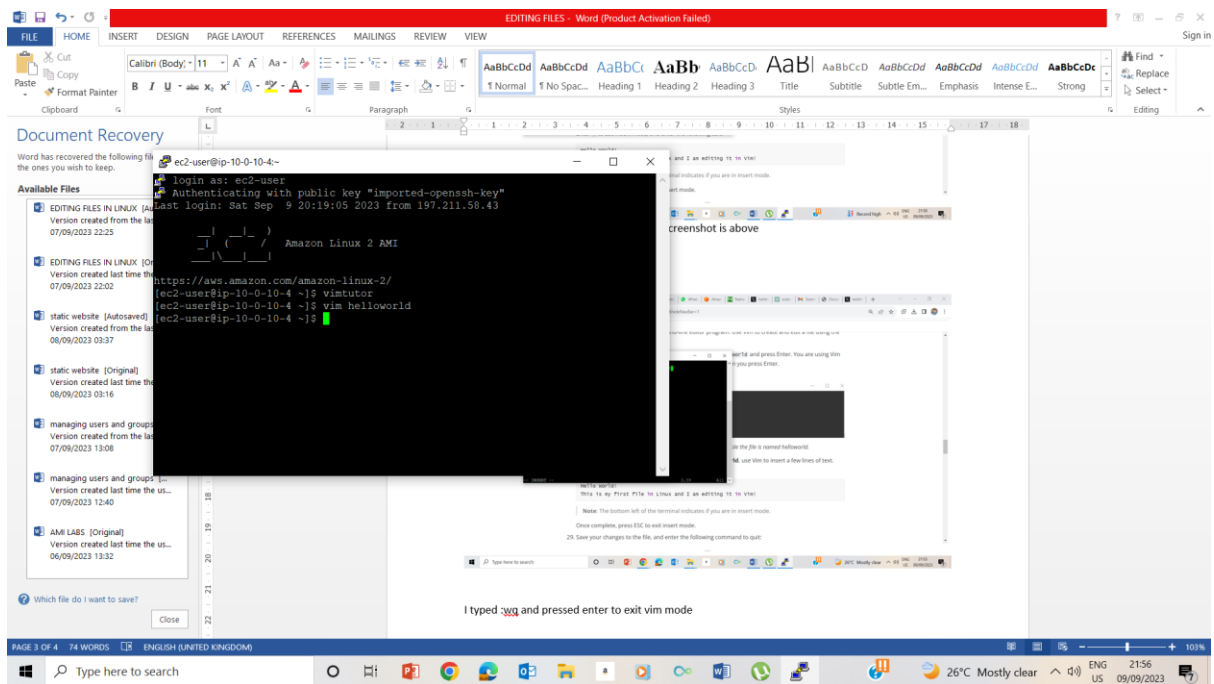
Task 3: Exercise - edit a file in Vim



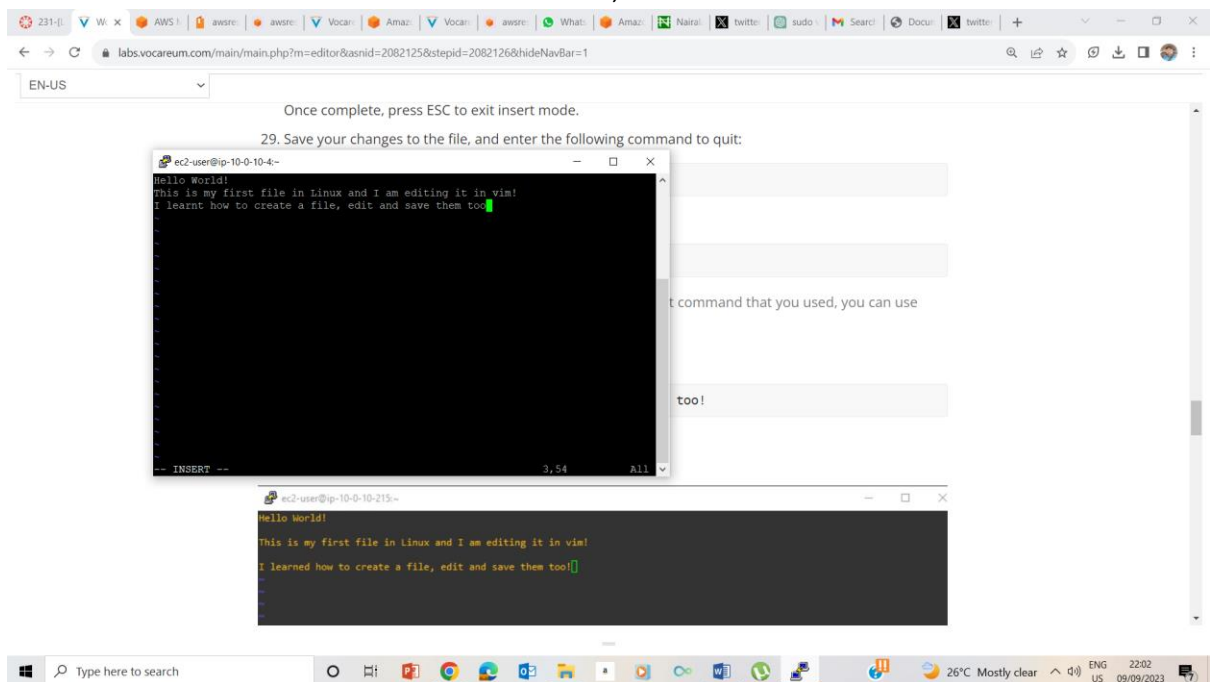
I entered vim helloworld and the output screenshot is above



I typed :wq and pressed enter to exit vim mode



30 . I inserted the text ‘ I learnt how to create a file, edit and save them too. ‘



I pressed esc key to exit the insert mode, and used

33.the command ‘dd’ deleted the previous line

The screenshot shows a web browser window with the URL `labs.vocareum.com/main/main.php?m=editor&asnid=2082125&stepid=2082126&hideNavBar=1`. The page displays a terminal window on the right and a list of tasks on the left. The terminal window shows the command `echo World!` being executed, resulting in the output `hello World!`. The task list includes:

- 32. You are back in the main terminal. Use Vim to go back to the `hello` happened. What was the difference?
- Additional Challenge**
 - Try additional useful commands.
 - 33. Use the following command to delete the entire line:
`dd`
 - 34. Use the following command to undo the last command:
`u`
 - 35. Use the following command to save changes without quitting:
`:w`
- Task 4: Exercise - edit a file in nano**

34. The command `.u.` undid my last command

The screenshot shows a web browser window with the URL `labs.vocareum.com/main/main.php?m=editor&asnid=2082125&stepid=2082126&hideNavBar=1`. The page displays a terminal window on the right and a list of tasks on the left. The terminal window shows the command `echo World!` being executed, resulting in the output `hello World!`. The task list includes:

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`dd`
 - 34. Use the following command to undo the last command:
`u`
 - 35. Use the following command to save changes without quitting:
`:w`
- Task 4: Exercise - edit a file in nano**

35. The command `:w` saved without exiting

The screenshot shows a web browser window at `labs.vocareum.com` displaying a lab page. On the right, a terminal window titled `ec2-user@ip-10-0-10-47-` shows the output of a `vim` command, displaying `hello World!` and `this is my first file in Linux amd I am editing it in Vim!`. The web page contains instructions for using Vim, including a section titled **Additional Challenge** with tasks 33, 34, and 35. Task 33 asks to delete the entire line using `dd`. Task 34 asks to undo the last command using `u`. Task 35 asks to save changes without quitting using `:w`.

32. You are back in the main terminal. Use Vim to go back to the `hello` happened. What was the difference?

Additional Challenge

Try additional useful commands.

33. Use the following command to delete the entire line:

```
dd
```

34. Use the following command to undo the last command:

```
u
```

35. Use the following command to save changes without quitting:

```
:w
```

Task 4: Exercise - edit a file in nano

Task 4: Exercise - edit a file in nano

Nano cloudworld takes us to a text editor terminal which we can just type

The screenshot shows a web browser window at `labs.vocareum.com` displaying a lab page. On the left, a terminal window titled `ec2-user@ip-10-0-10-17-` shows the output of a `nano` command, displaying `we are using nano this time ! we can simply start typing. No insert mode needed.`. The web page contains instructions for using nano, including a section titled **Task 4: Exercise - edit a file in nano**. The instructions state that nano is an alternative command-line editor program used to create and edit a text file. Task 36 asks to create a file called `cloudworld` using `nano cloudworld` and press Enter. The instructions also state that you are using nano to create a file called `cloudworld`, and pressing Enter opens this file.

34. Use the following command to undo the last command:

```
u
```

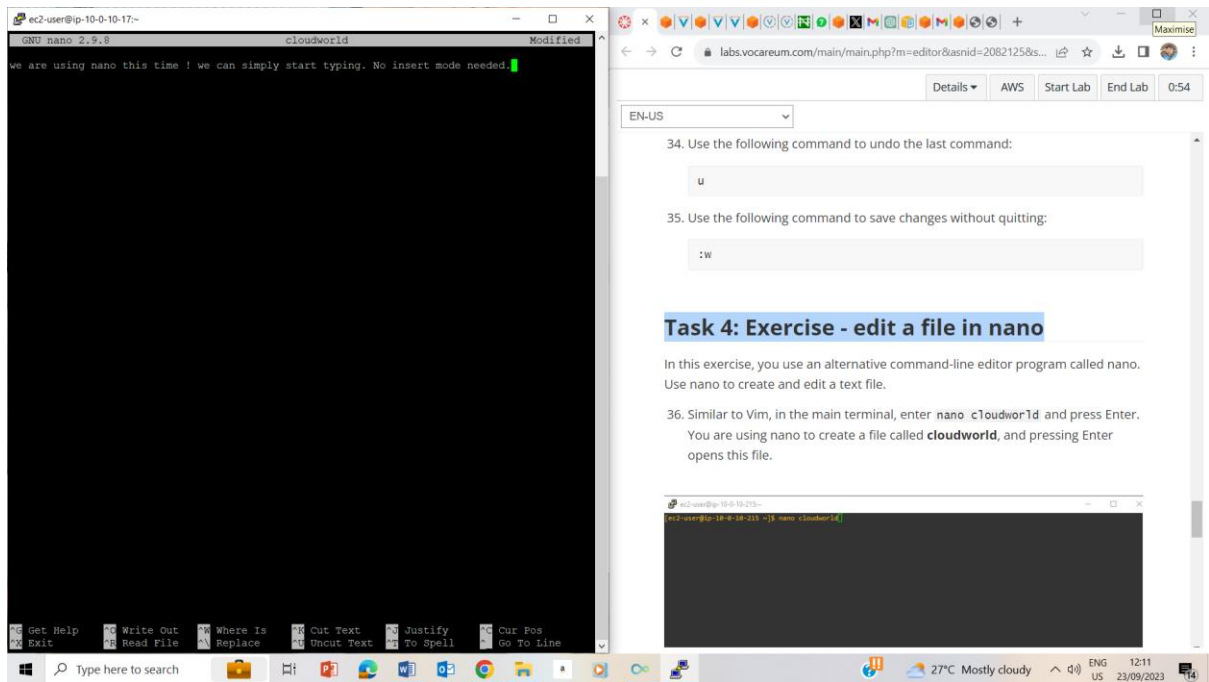
35. Use the following command to save changes without quitting:

```
:w
```

Task 4: Exercise - edit a file in nano

In this exercise, you use an alternative command-line editor program called nano. Use nano to create and edit a text file.

36. Similar to Vim, in the main terminal, enter `nano cloudworld` and press Enter. You are using nano to create a file called `cloudworld`, and pressing Enter opens this file.



Lab Complete

