



( / )

Curriculum



**SE Foundations** ^

Average: 108.76% v

# 0x02. vi

Shell

Editor

 By: Julien Barbier Weight: 1 Project over - took place from Feb 7, 2023 6:00 AM to Feb 8, 2023 6:00 AM☒ An auto review will be launched at the deadline

## In a nutshell...

- **Auto QA review:** 8.0/8 mandatory
- **Altogether: 100.0%**
  - Mandatory: 100.0%
  - Optional: no optional tasks

## Another text editor

After **Emacs**, it's time to play with **Vi**.

## Resources

Read or watch:

- Basic vi Commands (/rltoken/xCkhzajLX2pF5Sk7fFs0hQ)

## Learning Objectives

At the end of this project, you are expected to be able to explain to anyone (/rltoken/jWCEsMEQ0zVBUN9gKgQTWA), **without the help of Google**:



Help

## General

- What is vi
- Who is Bill Joy
- How to start and exit vi
- What are the command and insert modes, and how to switch from one to the other
- How to edit text
- How to cut and paste lines
- How to search forward and backward
- How to undo
- How to quit vi

## Copyright - Plagiarism

- You are tasked to come up with solutions for the tasks below yourself to meet with the above learning objectives.
- You will not be able to meet the objectives of this or any following project by copying and pasting someone else's work.
- You are not allowed to publish any content of this project.
- Any form of plagiarism is strictly forbidden and will result in removal from the program.

## Requirements

- All tasks **must be** done inside the sandbox `Ubuntu 20.04`
- Your sandbox **must be available at the end of this project** - the Checker will access to it just after the deadline to run the correction!
- The answer of a task must be in a specific file
- Each answer file must contain only the command to execute in Emacs for solving the task. Example: "What is the command to quit without saving changes?" -> the file should contain only `:q!`

### Quiz questions

**Great!** You've completed the quiz successfully! Keep going! ([Show quiz](#))

## Tasks

### 0. Create your answer directory

mandatory



Score: 100.0% (Checks completed: 100.0%)

Navigate to `/root` and create a directory named `0x02_vi`

☒ Done!

Help

Check your code

Get a sandbox

QA Review

## 1. Inserting

mandatory

Score: 100.0% (Checks completed: 100.0%)

What is the command to insert text before the cursor?

Write the answer into the file `/root/0x02_vi/inserting`.

You can validate if the format of your answer is correct by displaying the file information:

```
root@hex:~# ls -l /root/0x02_vi/inserting
-rw-r--r-- 1 root root 2 Nov 11 04:34 /root/0x02_vi/inserting
root@hex:~#
```

☒ Done!

Help

Check your code

Get a sandbox

QA Review

## 2. Cutting

mandatory

Score: 100.0% (Checks completed: 100.0%)

What is the command to delete and cut the current line?

Write the answer into the file `/root/0x02_vi/cutting`.

### Tips:

- How to Copy, Cut and Paste (/rltoken/CJZNKD3IZNMJ6UbYMz4NzA)

☒ Done!

Help

Check your code

Get a sandbox

QA Review

## 3. Pasting

mandatory

Score: 100.0% (Checks completed: 100.0%)



What is the command to paste the lines in the buffer into the text after the current line?

Write the answer into the file `/root/0x02_vi/pasting`.



Done!

Help

Check your code

&gt;\_ Get a sandbox

QA Review

#### 4. Undoing

mandatory

Score: 100.0% (Checks completed: 100.0%)

What is the command to undo what you just did?

Write the answer into the file `/root/0x02_vi/undoing`.

Done!

Help

Check your code

&gt;\_ Get a sandbox

QA Review

#### 5. Exiting

mandatory

Score: 100.0% (Checks completed: 100.0%)

What is the command to quit vi even though latest changes have not been saved for this vi call?

Write the answer into the file `/root/0x02_vi/exiting`.

Done!

Help

Check your code

&gt;\_ Get a sandbox

QA Review

#### 6. Beginning of the line

mandatory

Score: 100.0% (Checks completed: 100.0%)

What is the command to move the cursor to the start of the current line?

Write the answer into the file `/root/0x02_vi/beginning_of_the_line`.

Done!

Help

Check your code

&gt;\_ Get a sandbox

QA Review



#### 7. End of the line

mandatory

Score: 100.0% (Checks completed: 100.0%)

(/)


What is the command to move the cursor to the end of the line?

Write the answer into the file `/root/0x02_vi/end_of_the_line` .

☒ Done!

Help

Check your code

 Get a sandbox

QA Review

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