

How to write a commit message using Vscod





01


Creating a standard commit message file







Navigate to the standardization folder inside of the repository

mcjpedro / acquisition_system Private

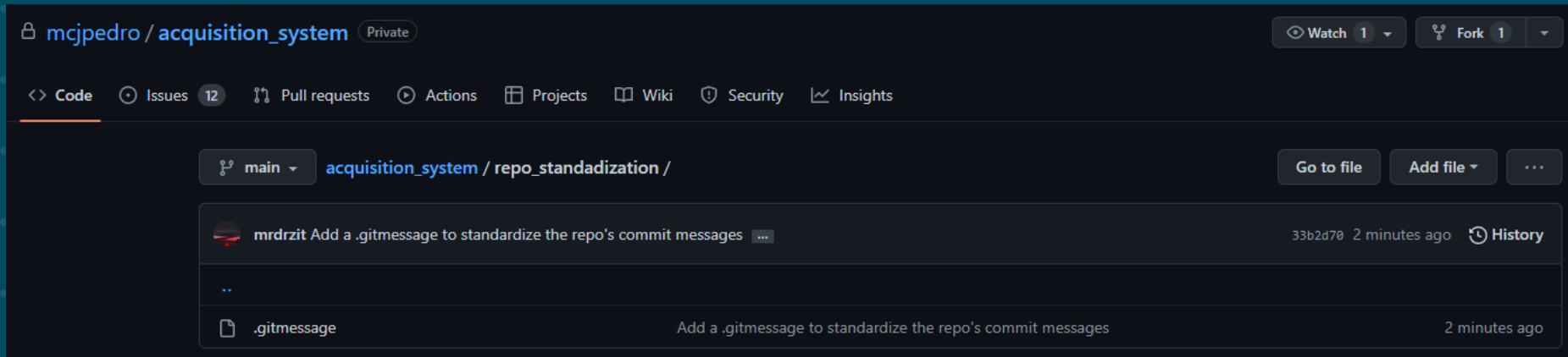
<> Code Issues 12 Pull requests Actions Projects Wiki Security Insights

main 4 branches 0 tags Go to file Add file Code

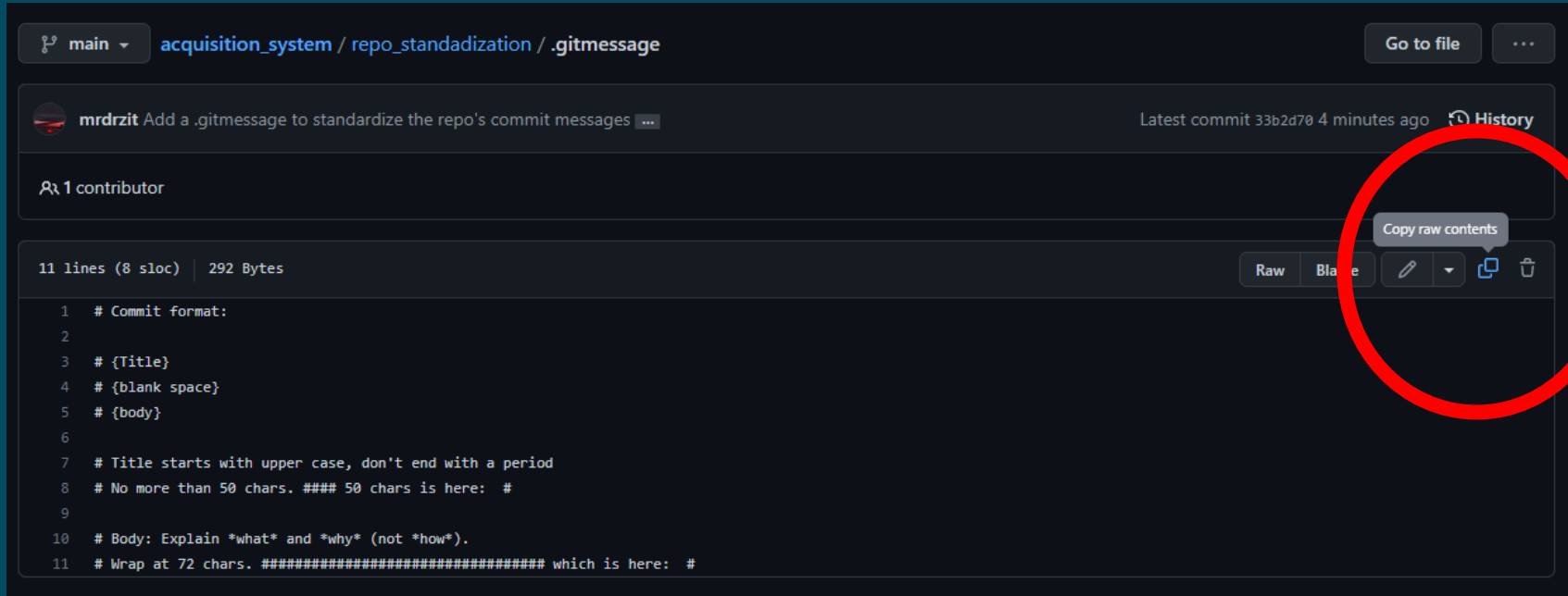
 **mrdrzit** Add a .gitmessage to standardize the repo's commit messages 33b2d70 2 minutes ago 4 commits

 case_model	Version 0.0 - Upload all files	17 days ago
 interface	GUI with layout grids	3 days ago
 microcontroller	Version 0.0 - Upload all files	17 days ago
 repo_standadization	Add a .gitmessage to standardize the repo's commit messages	2 minutes ago
 validation_data	Add validation data	6 days ago
 README.md	Version 0.0 - Upload all files	17 days ago

Navigate to the standardization folder inside of the repository



Copy the raw contents of the .gitmessage file (Or download it)



The screenshot shows a GitHub interface for a file named `.gitmessage` in the `acquisition_system / repo_standadization` directory. The file was added by user `mrdrrzit` in the latest commit `33b2d70` 4 minutes ago. The file has 11 lines (8 sloc) and is 292 Bytes. The content is a commit message template. A red circle highlights the 'Copy raw contents' button in the top right of the file view area.

main `acquisition_system / repo_standadization / .gitmessage` Go to file ...

mrdrrzit Add a .gitmessage to standardize the repo's commit messages ... Latest commit 33b2d70 4 minutes ago History

1 contributor

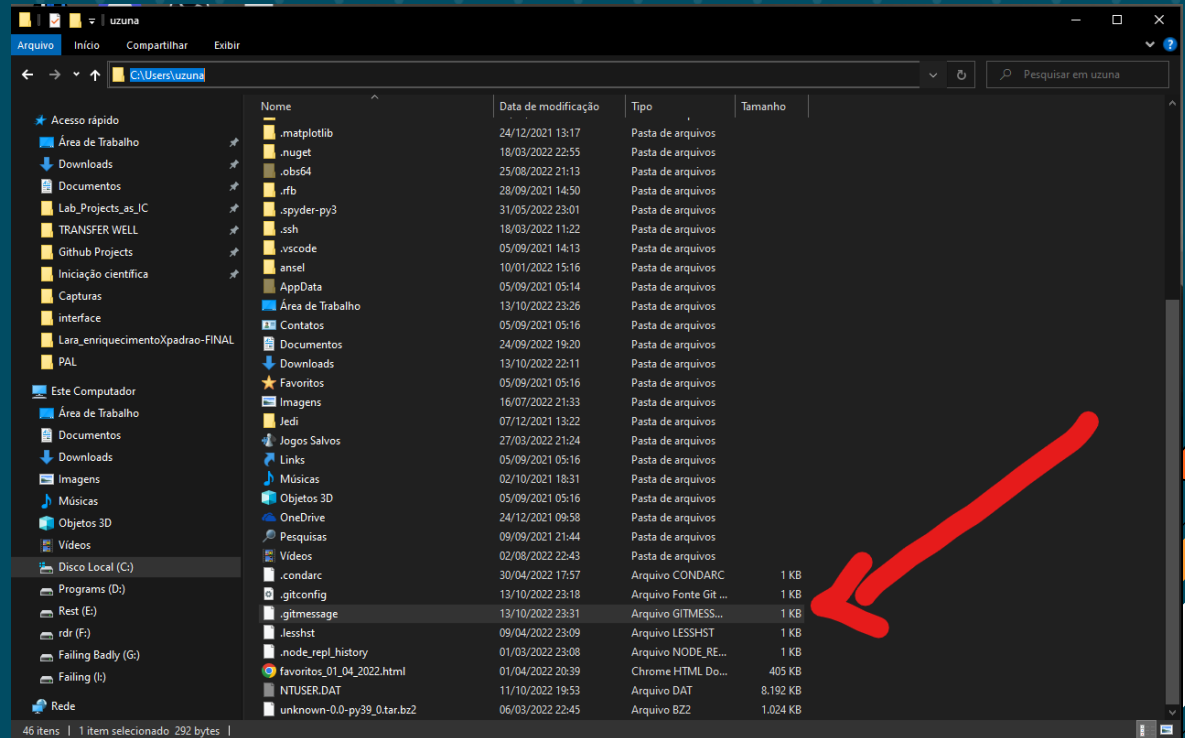
11 lines (8 sloc) | 292 Bytes Raw Blame Edit History

```
1 # Commit format:
2
3 # {Title}
4 # {blank space}
5 # {body}
6
7 # Title starts with upper case, don't end with a period
8 # No more than 50 chars. ### 50 chars is here: #
9
10 # Body: Explain *what* and *why* (not *how*).
11 # Wrap at 72 chars. ##### which is here: #
```

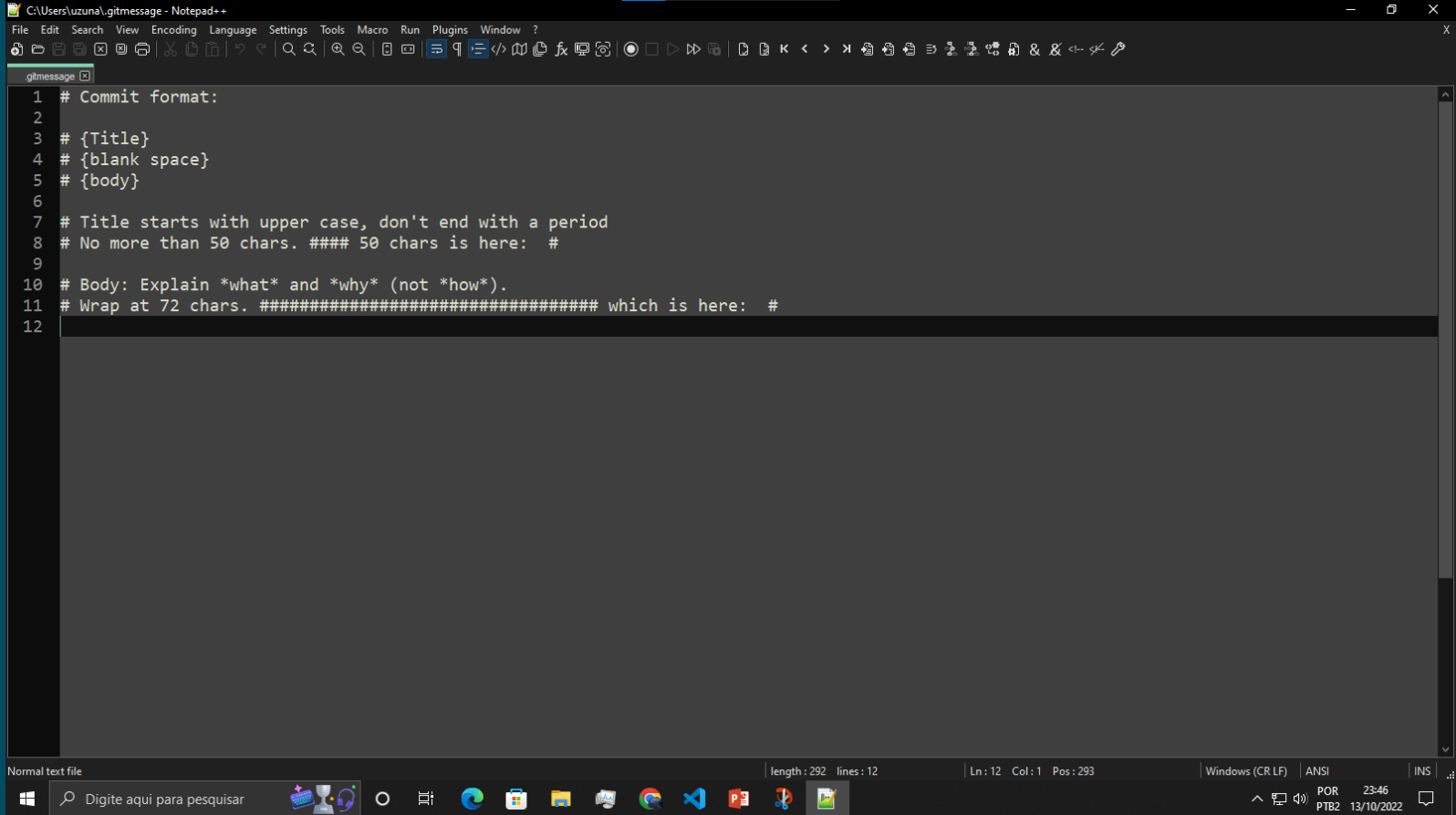
Create e .gitmessage file inside your home directory and paste the contents that you copied from the repository

(on windows it would be: C:\Users\{YOUR_USERNAME})

Or, if you downloaded the whole file, just save it to the same path.



It should be like this:



A screenshot of a Notepad++ window titled "C:\Users\luzuna\.gitmessage - Notepad++". The window displays a template for git commit messages. The text is as follows:

```
1 # Commit format:
2
3 # {Title}
4 # {blank space}
5 # {body}
6
7 # Title starts with upper case, don't end with a period
8 # No more than 50 chars. ##### 50 chars is here: #
9
10 # Body: Explain *what* and *why* (not *how*).
11 # Wrap at 72 chars. ##### which is here: #
12
```

The status bar at the bottom indicates "Normal text file", "length: 292 lines: 12", "Ln: 12 Col: 1 Pos: 293", "Windows (CR LF)", "ANSI", "INS", "POR PTB2", "23:46", and "13/10/2022".



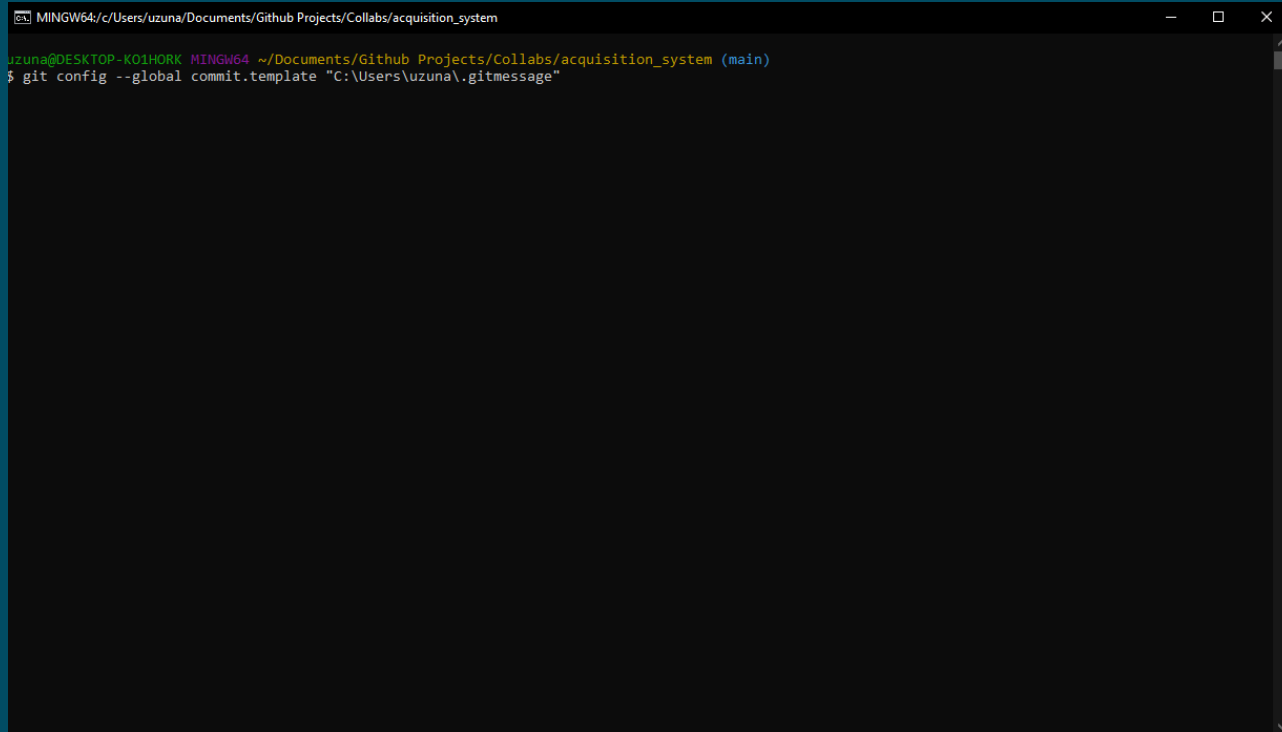
02

Telling git about
the .gitmessage
file

Open the git BASH and type:

```
git config --global commit.template {PATH_TO_GITMESSAGE}
```

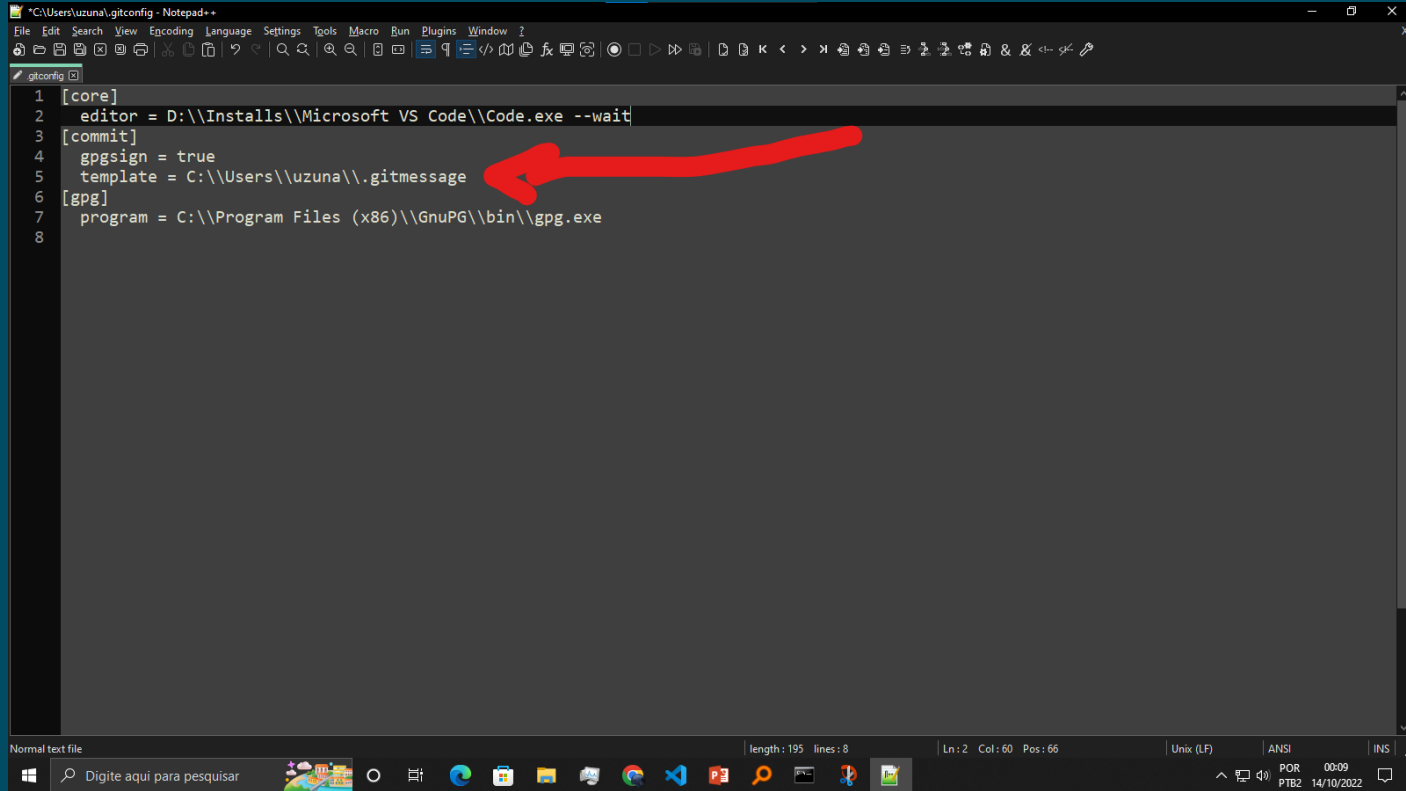
In my case it would be like this:

A screenshot of a terminal window with a dark background. The title bar at the top reads "MINGW64: C:/Users/uzuna/Documents/Github Projects/Collabs/acquisition_system". The terminal shows a prompt "uzuna@DESKTOP-K01HORK MINGW64 ~/Documents/Github Projects/Collabs/acquisition_system (main)" followed by the command "git config --global commit.template 'C:\Users\uzuna\.gitmessage'".

```
MINGW64: C:/Users/uzuna/Documents/Github Projects/Collabs/acquisition_system

uzuna@DESKTOP-K01HORK MINGW64 ~/Documents/Github Projects/Collabs/acquisition_system (main)
$ git config --global commit.template "C:\Users\uzuna\.gitmessage"
```

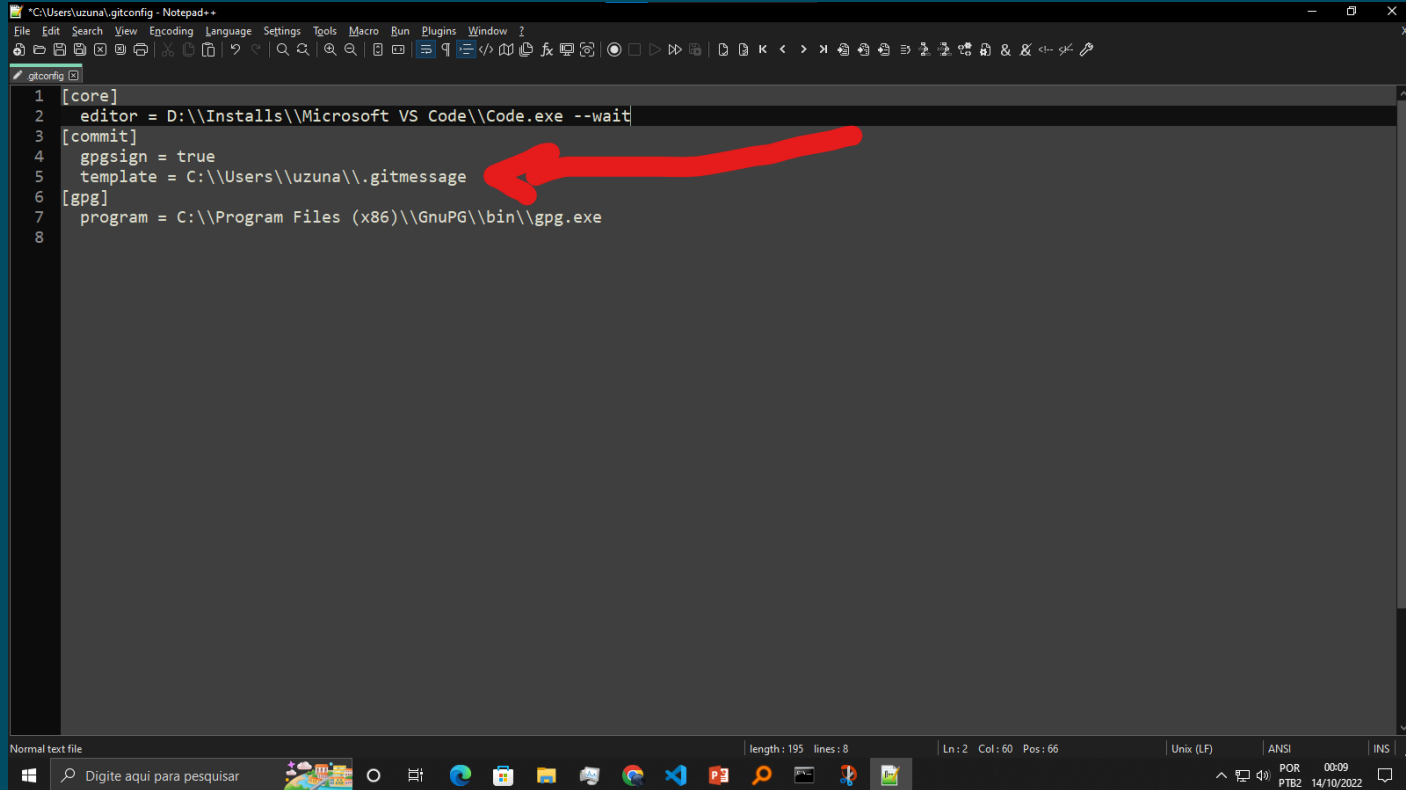
After this command, if you open your .gitconfig file (in your home directory “C:\Users\{YOUR_USERNAME}”) will have a line called template under the section [commit]



```
1 [core]
2   editor = D:\\Installs\\Microsoft VS Code\\Code.exe --wait
3 [commit]
4   gpgsign = true
5   template = C:\\Users\\uzuna\\.gitmessage
6 [gpg]
7   program = C:\\Program Files (x86)\\GnuPG\\bin\\gpg.exe
8
```

The screenshot shows a Notepad++ window titled "C:\\Users\\uzuna\\.gitconfig - Notepad++". The window displays the contents of the .gitconfig file. A red arrow points to the line "template = C:\\Users\\uzuna\\.gitmessage" in the [commit] section. The status bar at the bottom indicates "length: 195 lines: 8" and "Ln: 2 Col: 60 Pos: 66".

After this command, if you open your .gitconfig file (in your home directory “C:\Users\{YOUR_USERNAME}”) will have a line called template under the section [commit]



```
1 [core]
2   editor = D:\\Installs\\Microsoft VS Code\\Code.exe --wait
3 [commit]
4   gpgsign = true
5   template = C:\\Users\\uzuna\\.gitmessage
6 [gpg]
7   program = C:\\Program Files (x86)\\GnuPG\\bin\\gpg.exe
8
```

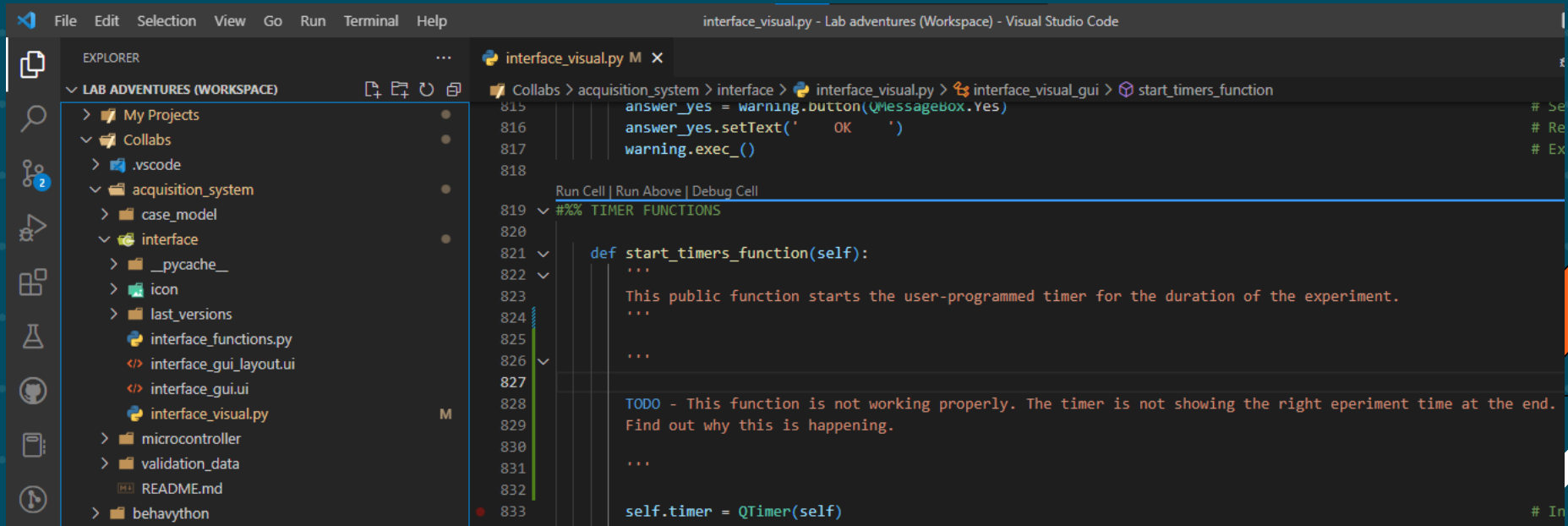
The screenshot shows a Notepad++ window titled "C:\\Users\\uzuna\\.gitconfig - Notepad++". The window displays the contents of the .gitconfig file. A red arrow points to the line "template = C:\\Users\\uzuna\\.gitmessage" in the [commit] section. The status bar at the bottom indicates "length: 195 lines: 8" and "Ln: 2 Col: 60 Pos: 66".



02

Using the commit
message template
on Vscode

Continue to work on modifications as normal



interface_visual.py - Lab adventures (Workspace) - Visual Studio Code

EXPLORER

LAB ADVENTURES (WORKSPACE)

- My Projects
- Collabs
 - .vscode
 - acquisition_system
 - case_model
 - interface
 - __pycache__
 - icon
 - last_versions
 - interface_functions.py
 - interface_gui_layout.ui
 - interface_gui.ui
 - interface_visual.py
 - microcontroller
 - validation_data
 - README.md
 - behavython

interface_visual.py M X

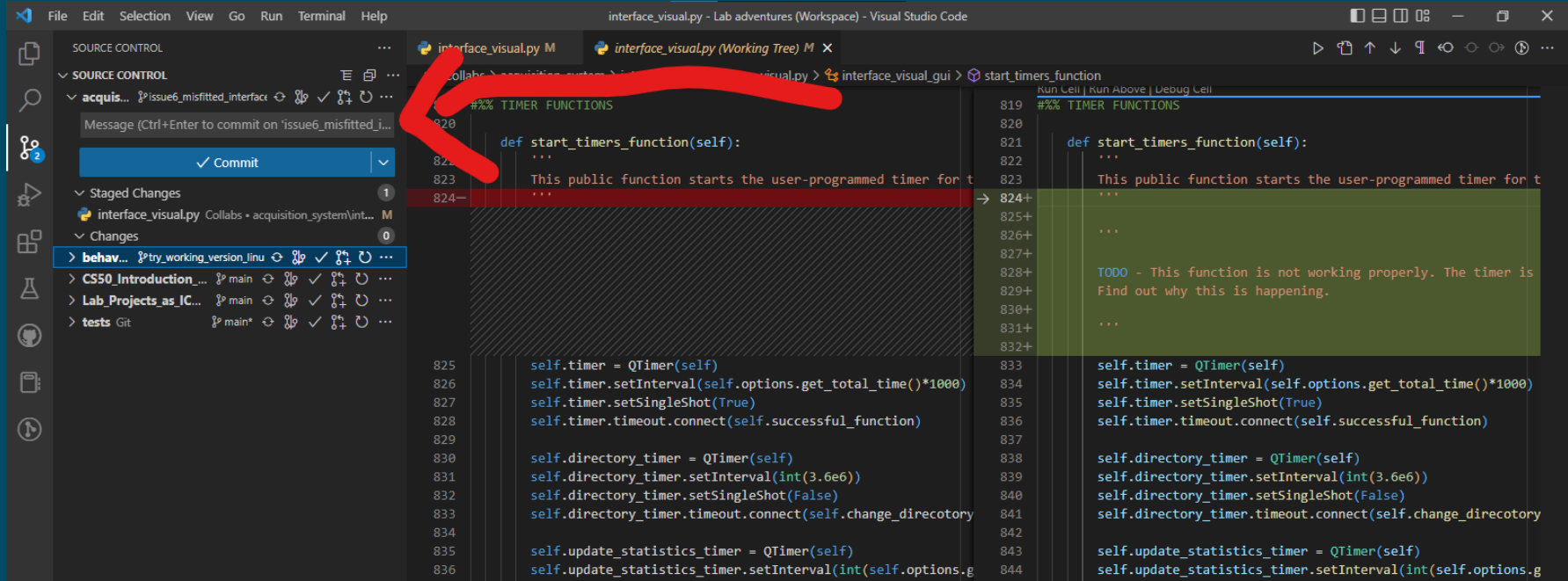
Collabs > acquisition_system > interface > interface_visual.py > interface_visual_gui > start_timers_function

```
815 answer_yes = warning.button(QMessageBox.Yes) # Se
816 answer_yes.setText(' OK ') # Re
817 warning.exec_() # Ex
818

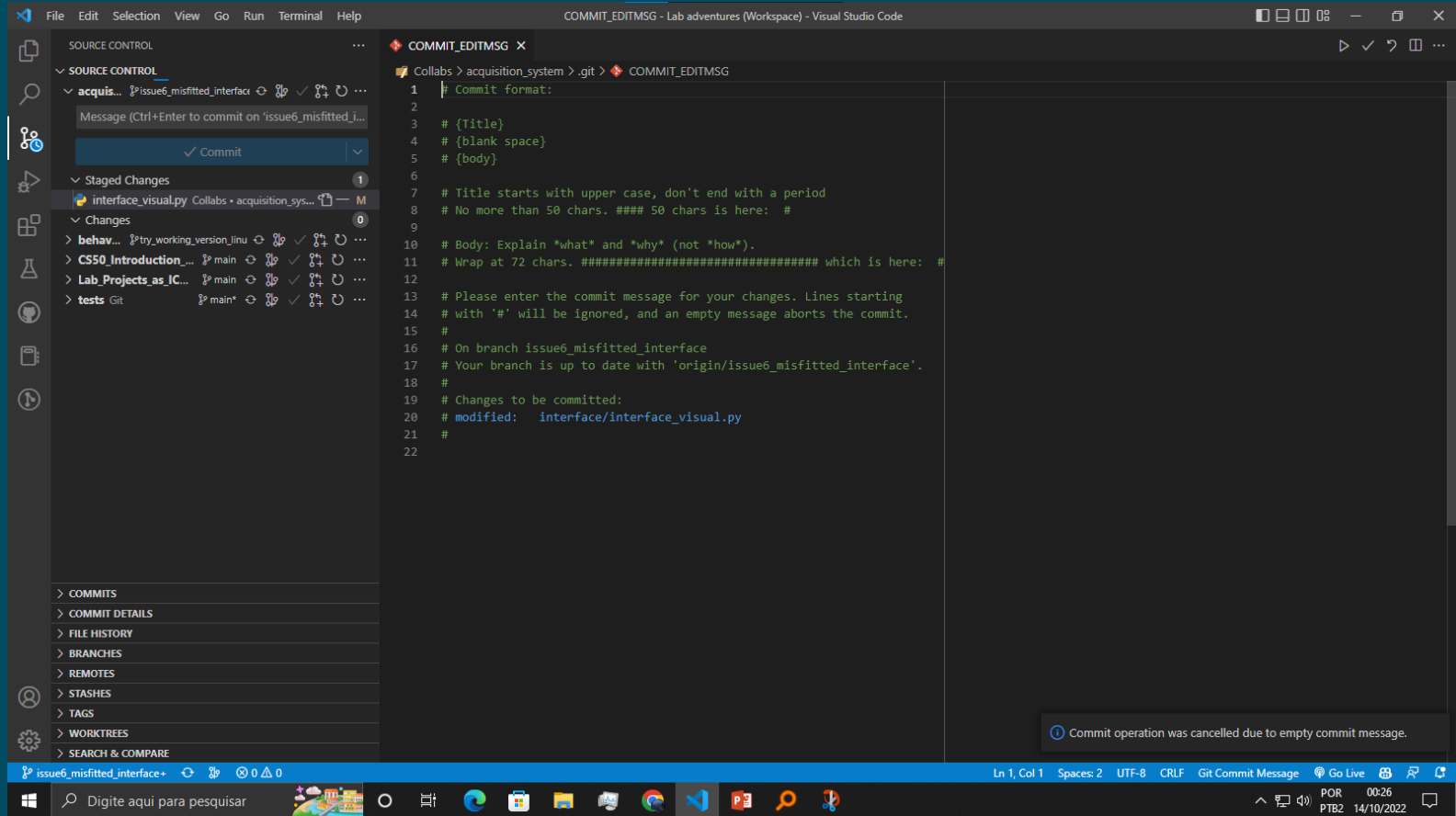
Run Cell | Run Above | Debug Cell

819 """ TIMER FUNCTIONS
820
821 def start_timers_function(self):
822     """
823     This public function starts the user-programmed timer for the duration of the experiment.
824     """
825
826     """
827
828     TODO - This function is not working properly. The timer is not showing the right eperiment time at the end.
829     Find out why this is happening.
830
831     """
832
833     self.timer = QTimer(self) # In
```

When the time to stage your changes and commit comes, leave the commit message blank and press commit



This will open a new editor window with the commit template

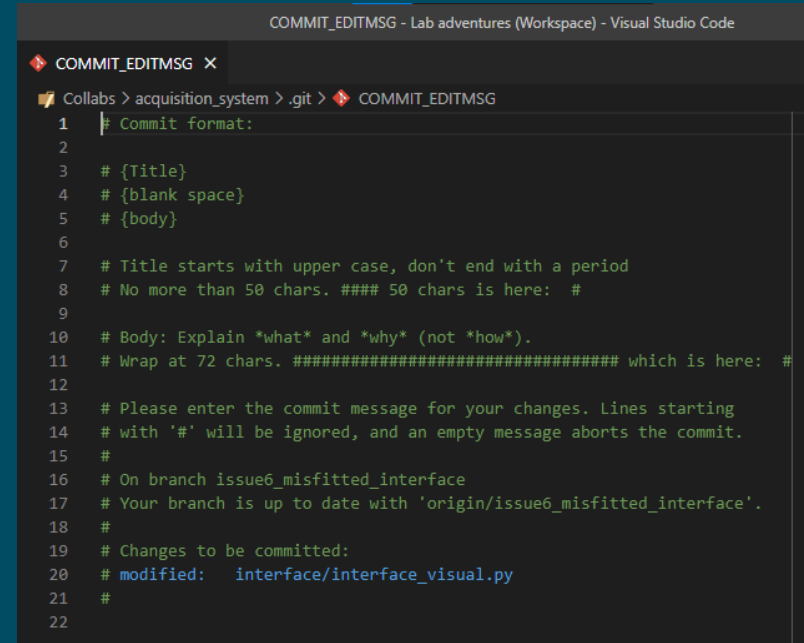


This will open a new editor window with the commit template

Note that additional information has been added at the end of the file, such as:

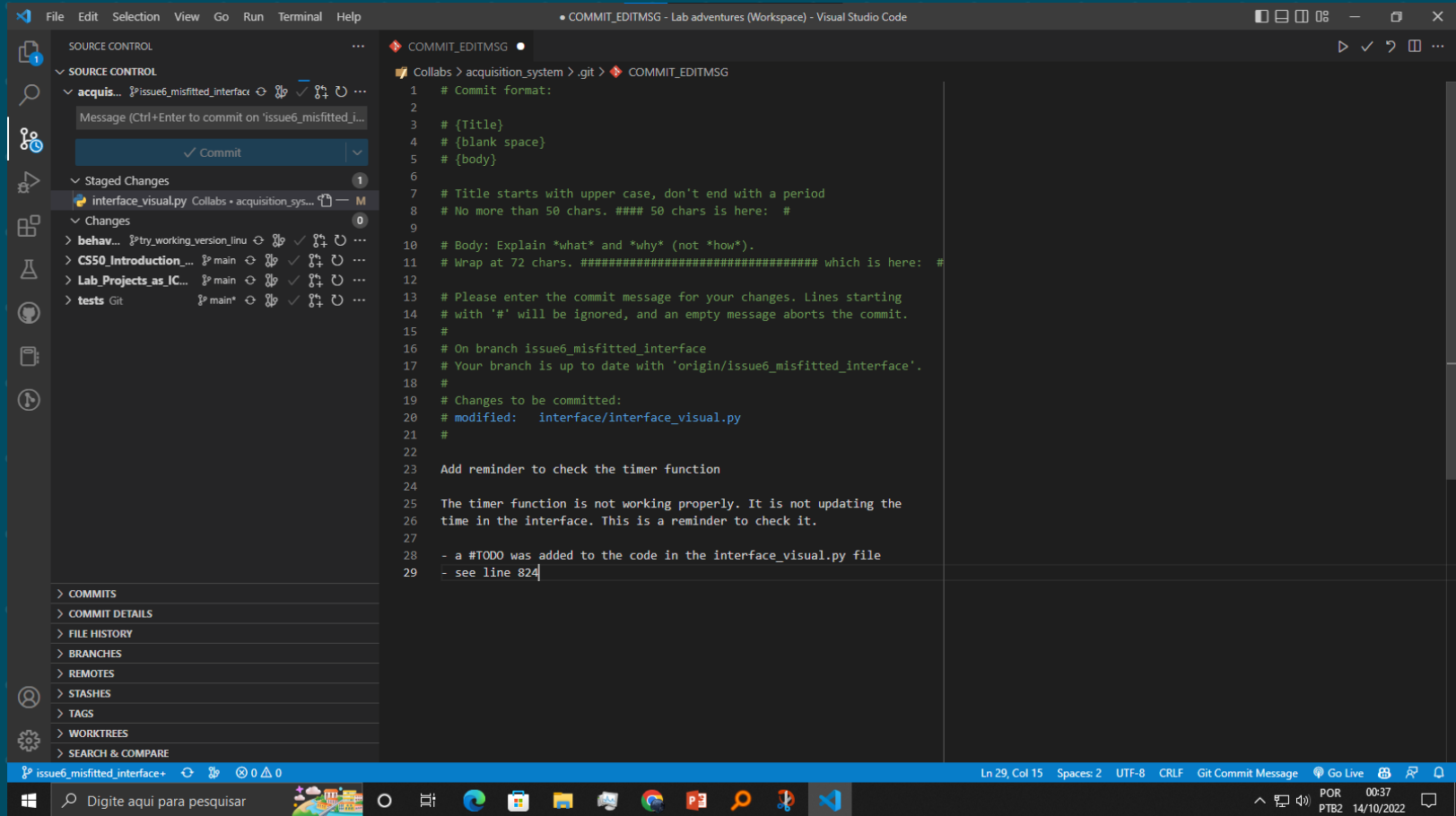
- the modified files
- your status in relation to main
- a reminder that the comment lines (denoted with “#” will be ignored)

These will be added independent of the template



```
COMMIT_EDITMSG - Lab adventures (Workspace) - Visual Studio Code
COMMIT_EDITMSG X
Collabs > acquisition_system > .git > COMMIT_EDITMSG
1 |# Commit format:
2
3 # {Title}
4 # {blank space}
5 # {body}
6
7 # Title starts with upper case, don't end with a period
8 # No more than 50 chars. ##### 50 chars is here: #
9
10 # Body: Explain *what* and *why* (not *how*).
11 # Wrap at 72 chars. ##### which is here: #
12
13 # Please enter the commit message for your changes. Lines starting
14 # with '#' will be ignored, and an empty message aborts the commit.
15 #
16 # On branch issue6_misfitted_interface
17 # Your branch is up to date with 'origin/issue6_misfitted_interface'.
18 #
19 # Changes to be committed:
20 # modified:   interface/interface_visual.py
21 #
22
```

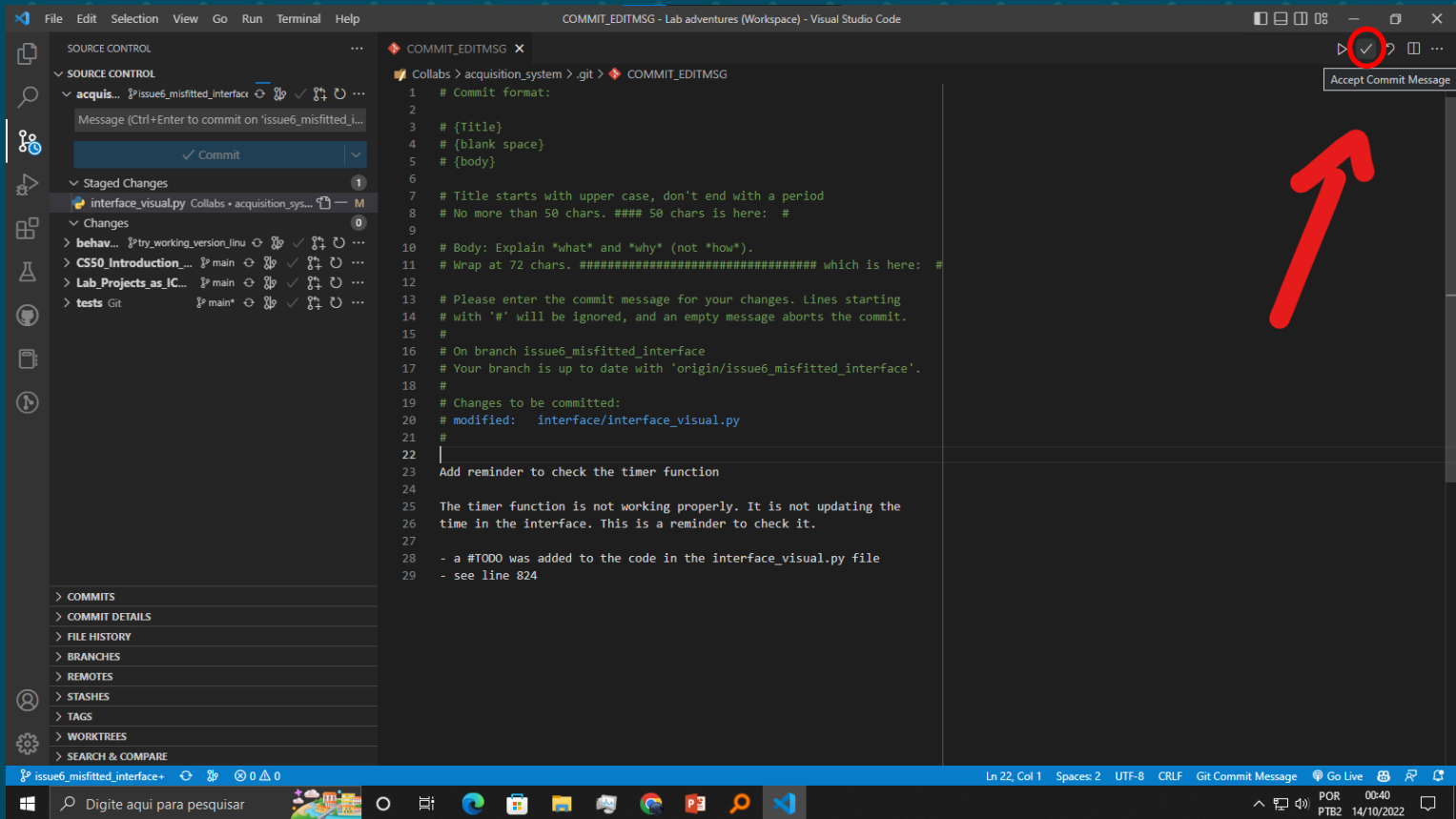

Now you can write your message at the bottom



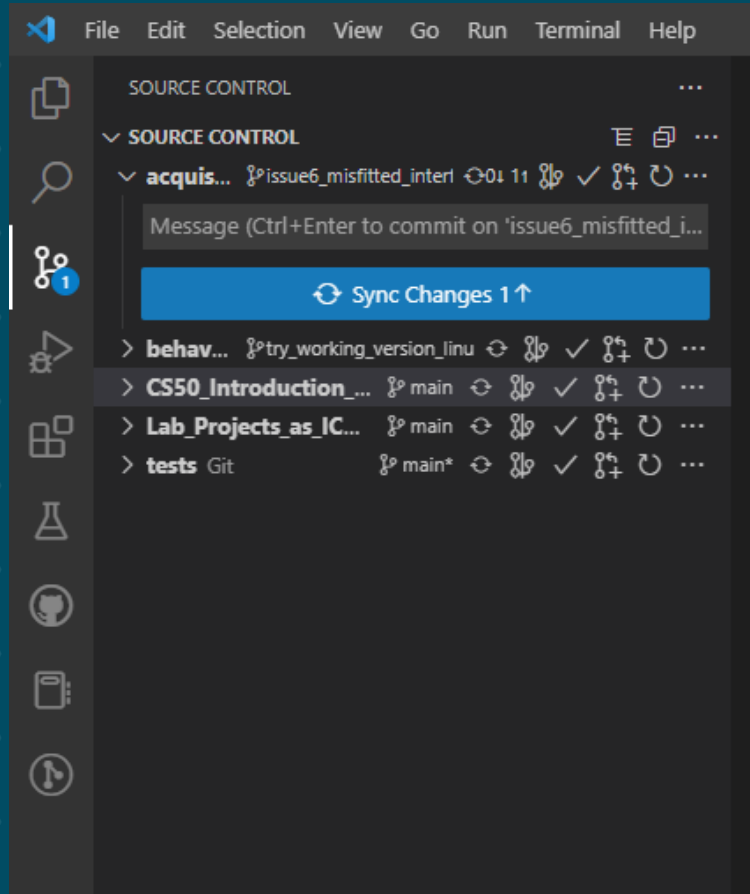
The screenshot shows the Visual Studio Code interface with the Git commit message editor open. The Source Control sidebar on the left shows the repository structure, including the 'interface_visual.py' file. The main editor area displays the commit message template and the user's input. The Windows taskbar at the bottom shows the active window and system tray icons.

```
1  # Commit format:
2
3  # {Title}
4  # {blank space}
5  # {body}
6
7  # Title starts with upper case, don't end with a period
8  # No more than 50 chars. ##### 50 chars is here: #
9
10 # Body: Explain *what* and *why* (not *how*).
11 # Wrap at 72 chars. ##### which is here: #
12
13 # Please enter the commit message for your changes. Lines starting
14 # with '#' will be ignored, and an empty message aborts the commit.
15 #
16 # On branch issue6_misfitted_interface
17 # Your branch is up to date with 'origin/issue6_misfitted_interface'.
18 #
19 # Changes to be committed:
20 #   modified:   interface/interface_visual.py
21 #
22
23 Add reminder to check the timer function
24
25 The timer function is not working properly. It is not updating the
26 time in the interface. This is a reminder to check it.
27
28 - a #TODO was added to the code in the interface_visual.py file
29 - see line 824
```

Then you can simply press the commit button in the upper right corner of the screen



Sync your changes (Push to remote main)



Now your changes are shown in the remote repository

Notice that the comments that were marked with “#” were omitted

mcjpedro / acquisition_system Private

[Watch](#) 1 [Fork](#) 1 [Starred](#) 1

[Code](#) [Issues](#) 12 [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#)

issue6_misfitted_interface had recent pushes 6 minutes ago [Compare & pull request](#)

main 4 branches 0 tags [Go to file](#) [Add file](#) [Code](#)

mrdzrit Add reminder to check the timer function aa5c1b6 3 minutes ago 5 commits

Add reminder to check the timer function

The timer function is not working properly. It is not showing the right clocked time. This is a reminder to check the timer function.

- a TODO was added to the code in the interface_visual.py file
- see line 824

case_model	Version 0.0 - Upload all files	17 days ago
interface	Add reminder to check the timer function	3 minutes ago
microcontroller	Version 0.0 - Upload all files	17 days ago
repo_standadization	Add a .gitmessage to standardize the repo's commit messages	1 hour ago
validation_data	Add validation data	6 days ago
README.md	Version 0.0 - Upload all files	17 days ago

About

No description, website, or topics provided.

Readme

1 star

1 watching

1 fork

Releases

No releases published

[Create a new release](#)

Packages

No packages published

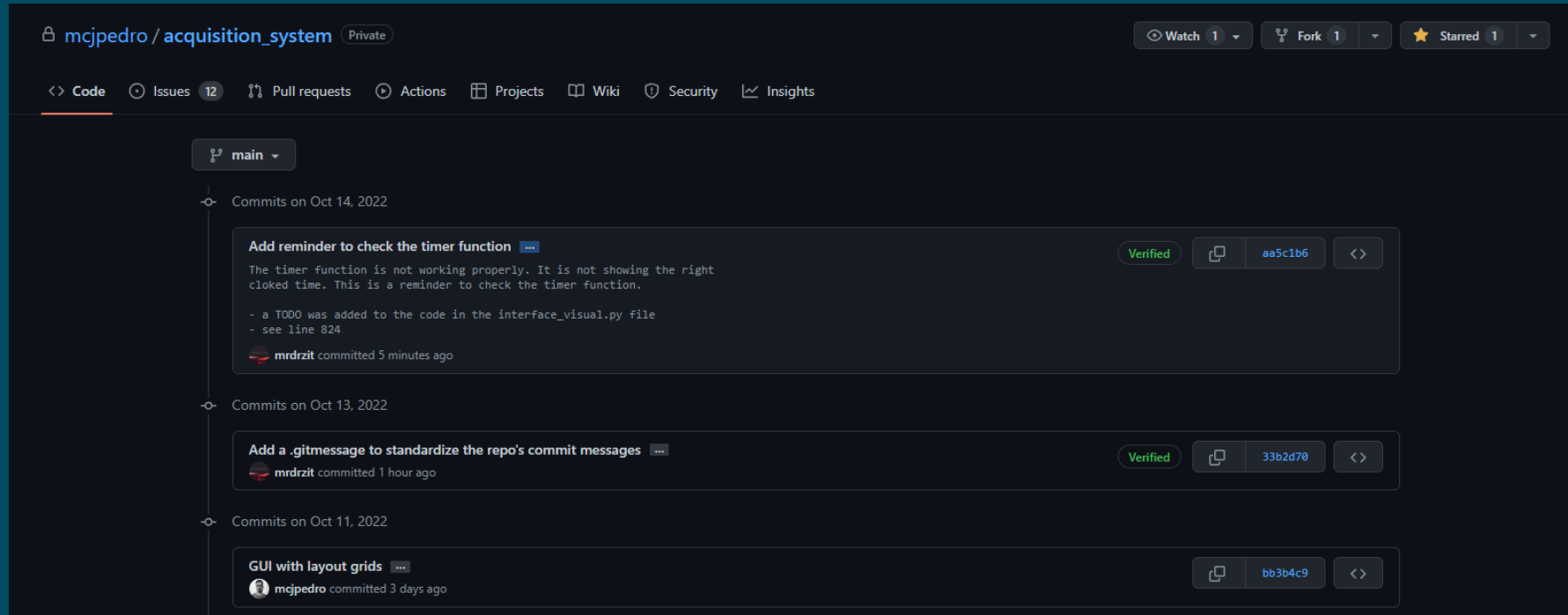
[Publish your first package](#)

Contributors 2

mcjpedro João Pedro C. Moreira

The changes are also shown in the commit history

Notice that the comments that were marked with “#” were omitted



The screenshot shows the GitHub interface for the repository `mcjpedro/acquisition_system`, which is marked as `Private`. At the top, there are buttons for `Watch` (1), `Fork` (1), and `Starred` (1). Below these are navigation tabs: `<> Code`, `Issues` (12), `Pull requests`, `Actions`, `Projects`, `Wiki`, `Security`, and `Insights`. The `main` branch is selected. The commit history is displayed with a vertical timeline on the left. Three commits are shown:

- Commits on Oct 14, 2022**
 - Add reminder to check the timer function** (Verified, `aa5c1b6`)
 - The timer function is not working properly. It is not showing the right clocked time. This is a reminder to check the timer function.
 - a TODO was added to the code in the `interface_visual.py` file
 - see line 824

`mrdzrit` committed 5 minutes ago
- Commits on Oct 13, 2022**
 - Add a .gitmessage to standardize the repo's commit messages** (Verified, `33b2d70`)
 - `mrdzrit` committed 1 hour ago
- Commits on Oct 11, 2022**
 - GUI with layout grids** (Verified, `bb3b4c9`)
 - `mcjpedro` committed 3 days ago



Done!

:)