

How to install and remove software using the APT command.

- To install software you need to follow this formula on the command line.
 - `sudo + apt + install + package name`
- If you wanted to remove software using the APT command you'd follow this formula (replace `install` with `remove`)
 - `sudo + apt + remove + package name`

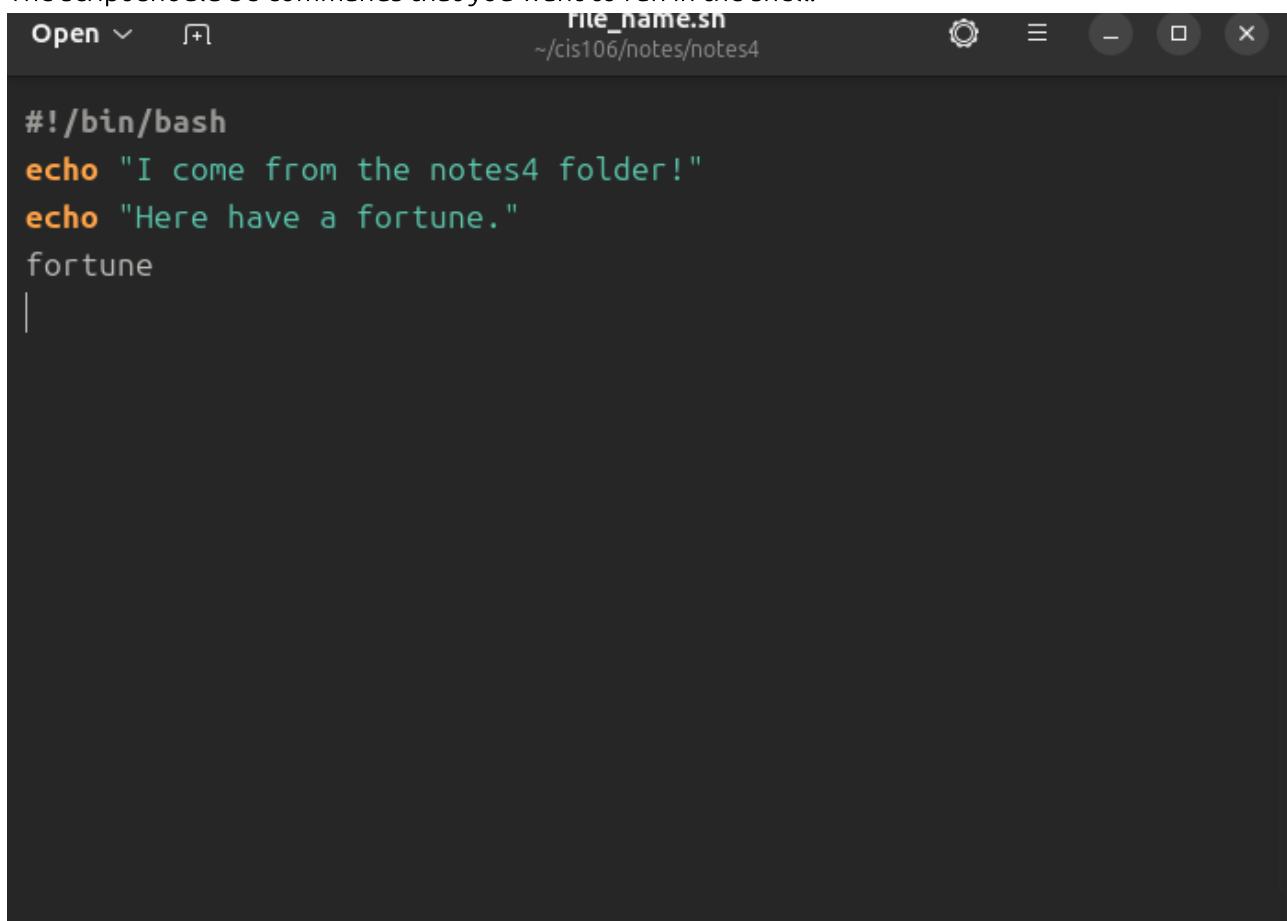
A few examples of these two

- `sudo apt install firefox flameshot caffeine -y`
- `sudo apt remove firefox flameshot caffeine -y`
- You can also install and remove at the same time on one command line
 - `sudo apt install firefox+ flameshot- caffeine- vlc+`
 - The reason this can work is because when you add a - to the end of a package name, it effectively runs `remove` when that's applied.
 - `sudo apt purge firefox+ flameshot- caffeine- vlc+`
 - This purges programs and removes all remaining files/traces of said programs within the system.

How to create a shell script step by step including screenshots and how to run it. Try to be as detailed as possible.

1. Open a text editor. (I will be using "text editor") Then rename the file to `file_name.sh` (for this example.)
2. The first line in the file must be the shebang or shell interpreter. If it were bash it'd be `#!/bin/bash`

3. The script should be commands that you want to run in the shell.

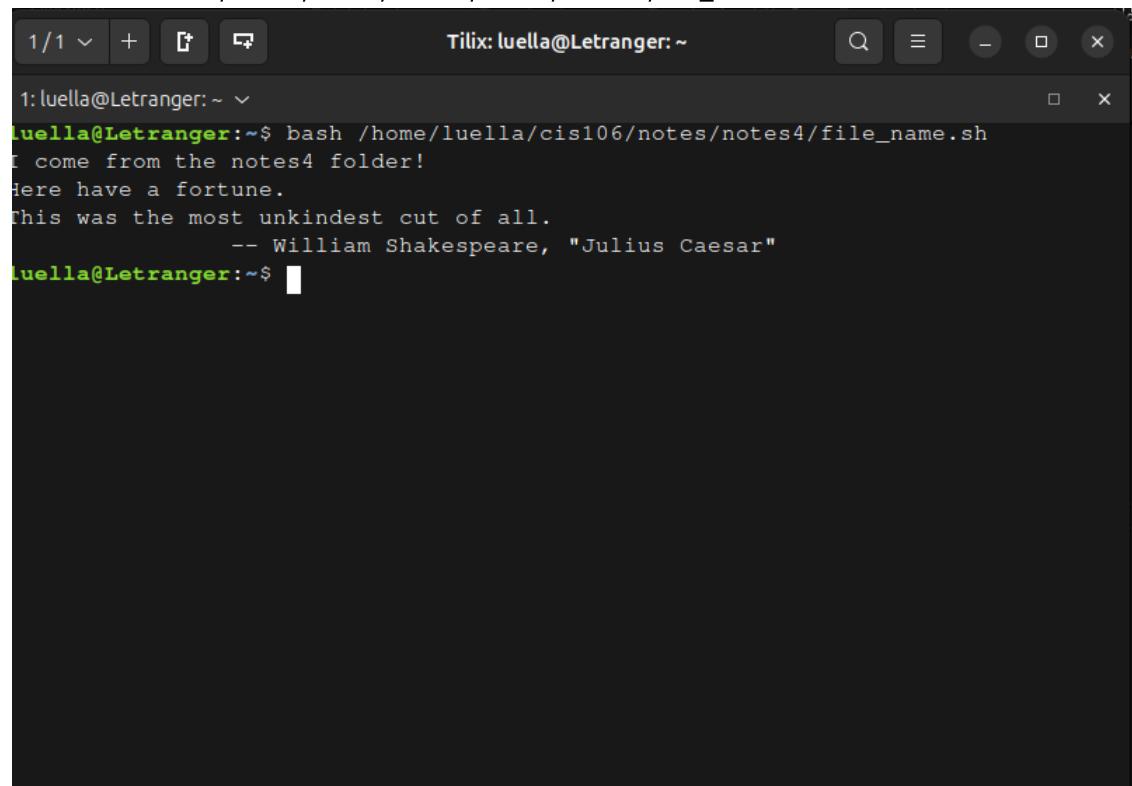


The screenshot shows a terminal window titled "file_name.sh" located at "/cis106/notes/notes4". The script content is as follows:

```
#!/bin/bash
echo "I come from the notes4 folder!"
echo "Here have a fortune."
fortune
```

4. Then to run the script use the following command in your interpreter/terminal you must use

- bash /path/to/script/script_name.sh
 - In this case I use /home/luella/cis106/notes/notes4/file_name.sh



The screenshot shows a terminal window titled "Tilix: luella@Letranger:~". The user has run the command "bash /home/luella/cis106/notes/notes4/file_name.sh". The output is:

```
1: luella@Letranger: ~
luella@Letranger:~$ bash /home/luella/cis106/notes/notes4/file_name.sh
I come from the notes4 folder!
Here have a fortune.
This was the most unkindest cut of all.
    -- William Shakespeare, "Julius Caesar"
luella@Letranger:~$
```