

Problem Description

You are tasked with writing a script that continually asks for command input from the user. The script should execute the command and display the output. If the command is `exit`, the script should terminate. If a command fails to execute (like `cd`-ing into a non-existent directory), the script should display an error message and blink the caps lock key LED on the keyboard.

You can toggle the values in `/sys/class/leds/input24::capslock/brightness` to turn the caps lock LED on and off. A value of `1` turns the LED on, and a value of `0` turns the LED off. The path may vary depending on the system, so you may need to adjust it accordingly. Specifically, only the numeric part in the folder name `input24::capslock` may change, while the rest of the path should remain the same.

Sample Usage

You should run your script with `sudo` privileges to access the LED device. Without `sudo`, the script will not be able to turn the LED on and off.

```
sudo ./command_runner.sh

Enter a command: ls nai
ls: cannot access 'nai': No such file or directory
Failed: Command exited with status 2.
Enter a command: ls
monitor_cmd.sh  README.md  README.pdf
Success: Command executed successfully.
Enter a command: exit
Exiting command monitor
```

Hints

To execute a command, you can use the `eval` command followed by the user input. For example, `eval ls` will execute the `ls` command. This is needed because the user input is a string, and you need to evaluate it as a command.