Write a script 'watch_dir.sh' that watches '/home/studentuser/projectX/logs' for new '.txt' files.

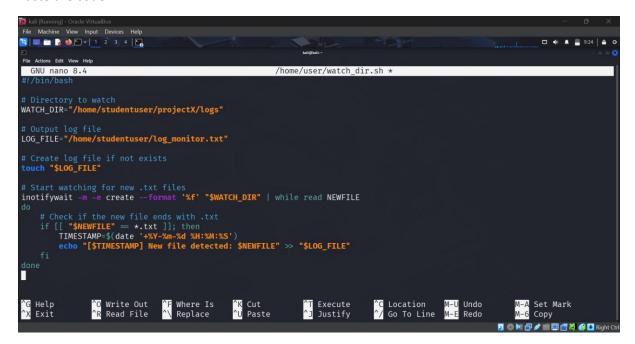
When a new file is created, echo its name with a timestamp to 'log_monitor.txt'.

Step 1:

Install inotify tools

Step 2:

Paste the code



Step 3:

Run the script

```
___(kali⊗ kali)-[~]

$ <u>sudo</u> -u user <u>/home/user/watch</u> dir.sh
```

Step 4:

Verify the log File

```
(kali⊕ kali)-[~]
$ sudo cat /home/user/projectx/log_monitor.txt
```

Step 5:

The final Output: [2025-07-28 20:45:12] New File detected: test1.txt