



# AUTOMATIC WORK MEASUREMENT



# PROBLEM STATEMENT



- It is an automatic software system to track and translate the work activities of each employee.
- The main objective is to provide the performance level of employees during the work hours without any distraction.

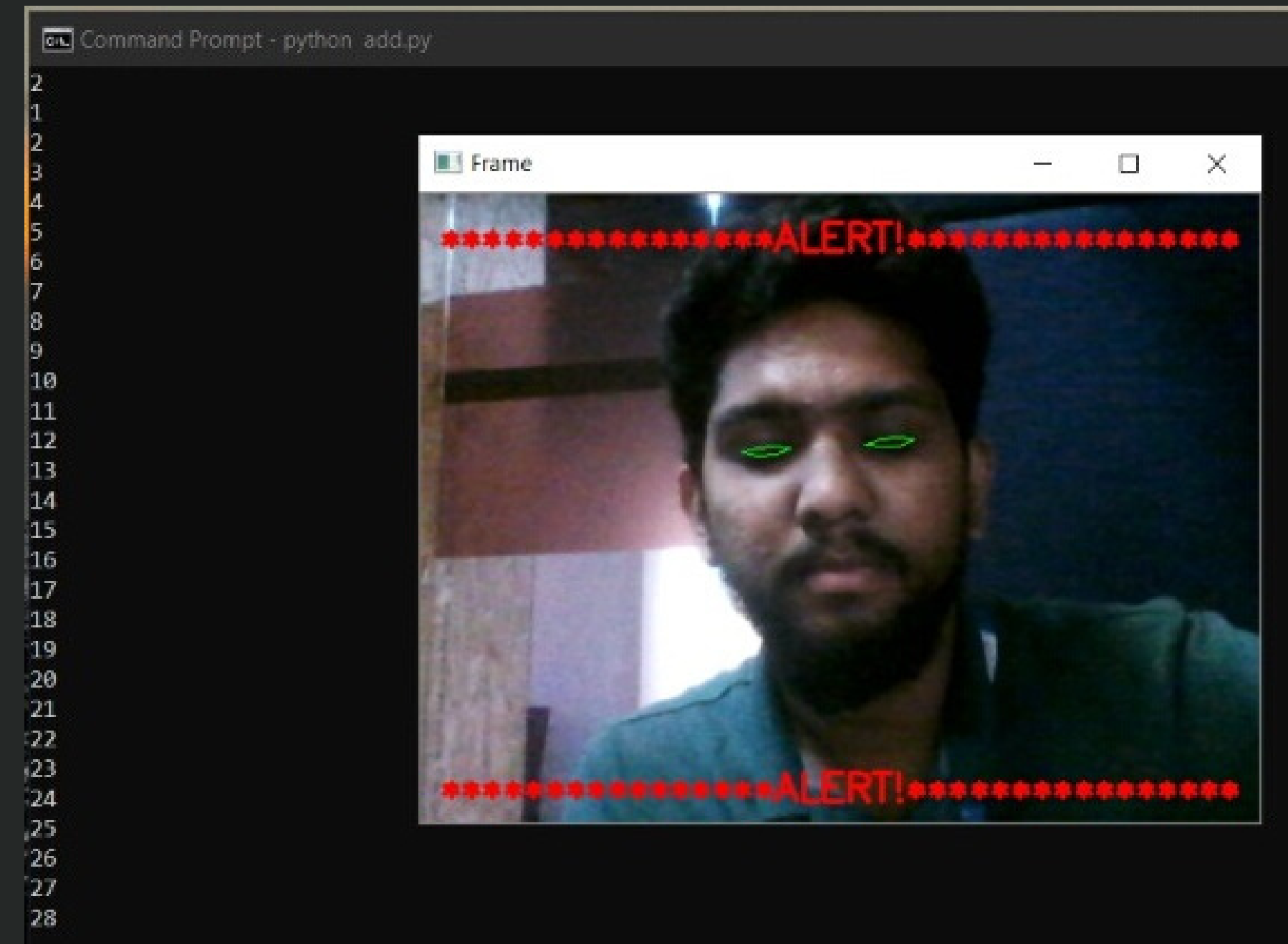
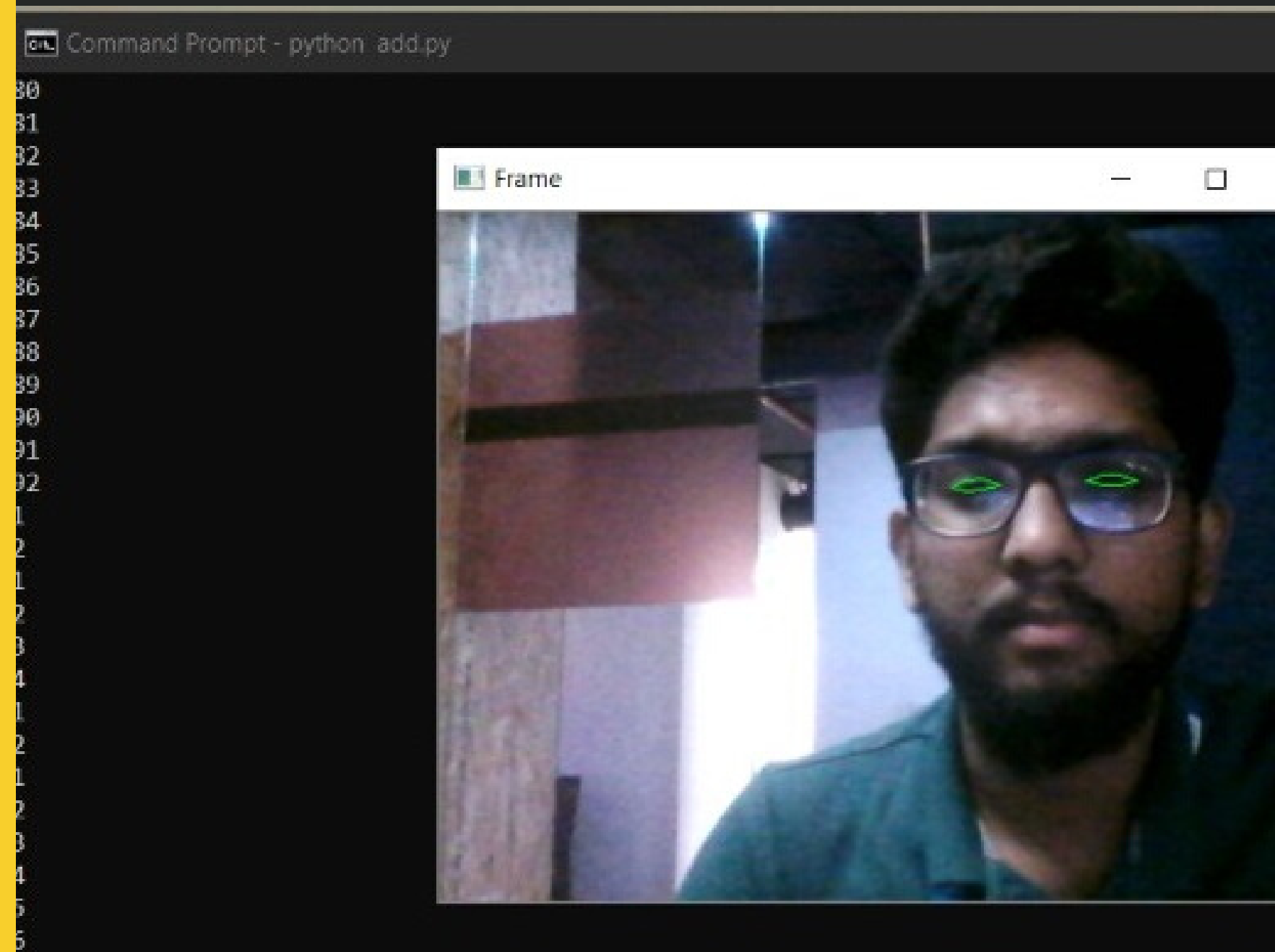
## ARTIFICIAL INTELLIGENCE :

- To manage the activities of the employee by using drowsiness face detection by accessing their webcam.
- This drowsiness detection algorithm identifies if a person closes his eyelids (i.e.,sleeping) and then sends an alert message on the screen.

## MACHINE LEARNING :

- Face detection algorithm has been used to detect face of the employee and the attendance will be updated automatically

# Screenshots of Drowsy



The following picture show the sessions and process accessed by the employee during the work hour. The graph depicts the same info in a detail graph manner.

Image Name	PID	Session Name	Session#	Mem Usage
System Idle Process	0	Services	0	8 K
System	4	Services	0	1,444 K
Registry	96	Services	0	80,564 K
smss.exe	416	Services	0	840 K
csrss.exe	704	Services	0	5,068 K
wininit.exe	820	Services	0	6,488 K
csrss.exe	836	Console	1	5,772 K
services.exe	892	Services	0	9,500 K
lsass.exe	904	Services	0	17,788 K
svchost.exe	76	Services	0	3,624 K
svchost.exe	284	Services	0	29,700 K
fontdrvhost.exe	524	Services	0	2,524 K
WUDFHost.exe	536	Services	0	10,580 K
winlogon.exe	1032	Console	1	11,592 K

