* Function ***listRunningProcess()*** retrieves a list of running processes on a Windows system using WMI library, sorts them alphabetically by name, returns 1 to indicate successful execution . It iterates through the active processes via Win32\_Process(), captures process ID and its name. Then sorts this list alphabetically based on processes name using sorted() function.
* Function ***listRunningApplication()*** retrieves a list of running applications on a Windows system using PowerShell commands within Python script, returns 1 to indicate successful execution. Function executes a PowerShell command using subprocess module to access information about running applications. Its run the command *gps | where {$\_.MainWindowTitle } | select Description* on PowerShell, retrieves the descriptions of active processes with visible windows.
* Function ***screenshot()*** using ImageGrab module from Python Image Library(PIL) to capture the current screen image. Function *ImageGrab.grab()* specifically captures the current screen image. The function returns a screenshot

at the right time the user presses as PNG

* Function ***keylogger(duration)*** records keystrokes for a specific *duration* using keyboard library, returns 1 to indicate successful execution. Inside the function, there is an inner function ***on\_key\_event(e)*** that gets triggered whenever a key is pressed. If the key is not ‘esc’ key, it records the key in a list. The main loop runs until the specific *duration*is reached or the ‘esc’ key is pressed. The function will return buttons pressed during the duration period or before the user presses the ‘esc’ key.
* Function ***shutdown()*** is designed to initiate a system shutdown process. After the function is called, all the application will be closed and the computer will be shut down within 1 second. Function ***logout()*** will close all the running programs and log out of the current account. Both functions leverage the *os* library in Python to execute system-level commands. The function uses *os.system()* to send system commands to the operating system.
* Function ***closeApplication()*** utilizes the AppOpener library, aims to terminate a specific application through function *close()* in the AppOpener library, process identified by its name without knowing its absolute path.
* Function ***openApplication()*** utilizes the AppOpener library, attemps to launch an application identified by its name via the function open() provided by AppOpener library. The name of the application passed in sync with the name passed in ***closeApplication()*** function.