KEY LOGGER PROJECT

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OUTLINE

- Problem Statement
- Proposed System/Solution
- System Development Approach
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- Conclusion
- Future Scope
- References

PROBLEM STATEMENT

Example: In today's digital age, where cybersecurity threats loom large, one of the significant concerns is the proliferation of keyloggers, stealthy software tools designed to monitor and record keystrokes on a user's computer without their knowledge. Keyloggers pose a severe threat to individuals and organizations as they can capture sensitive information such as passwords, credit card details, and other personal data, leading to identity theft, financial loss, and privacy breaches.

WHAT IS KEYLOGGER

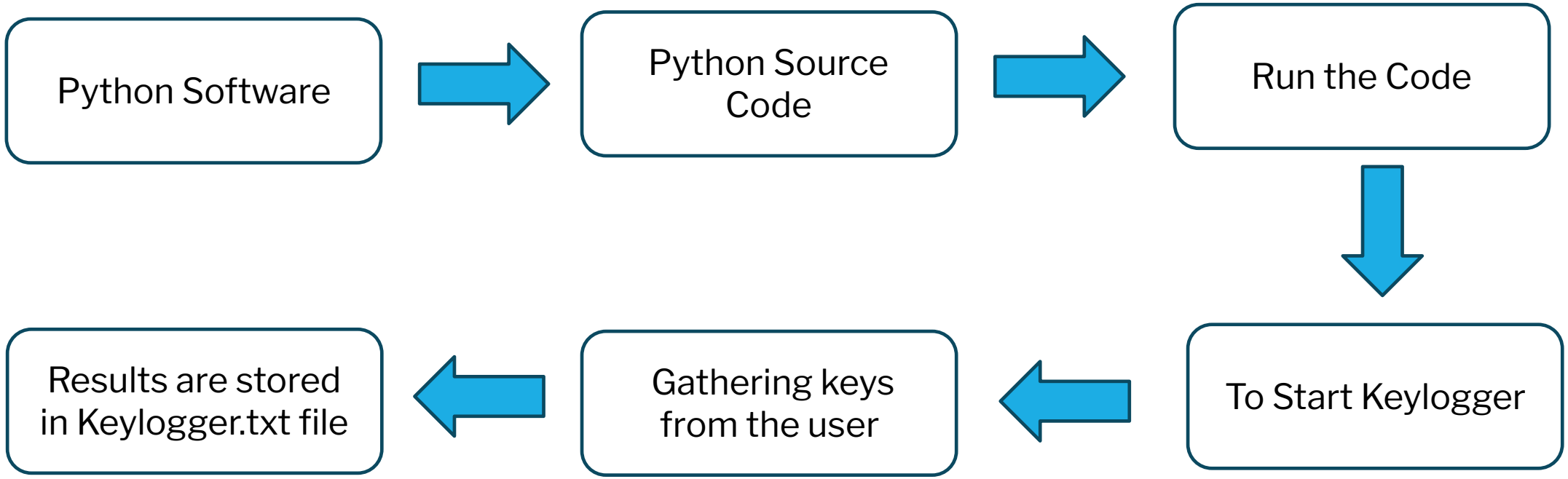
- Keylogger is one kind of surveillance technology that is used to monitor and capture keystrokes of a specific device
- It can work from both hardware and software

HARDWARE KEYLOGGER

- Physical Placement
- Stealth and Detection Avoidance
- Versatility and Persistance

PROPOSED SOLUTION

- In Proposed system we using keylogger files using python libraries and get the date from target user without their knowledge

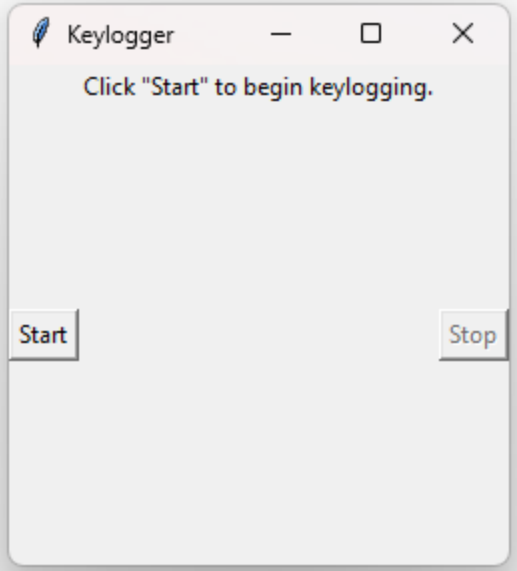


SYSTEM REQUIREMENTS

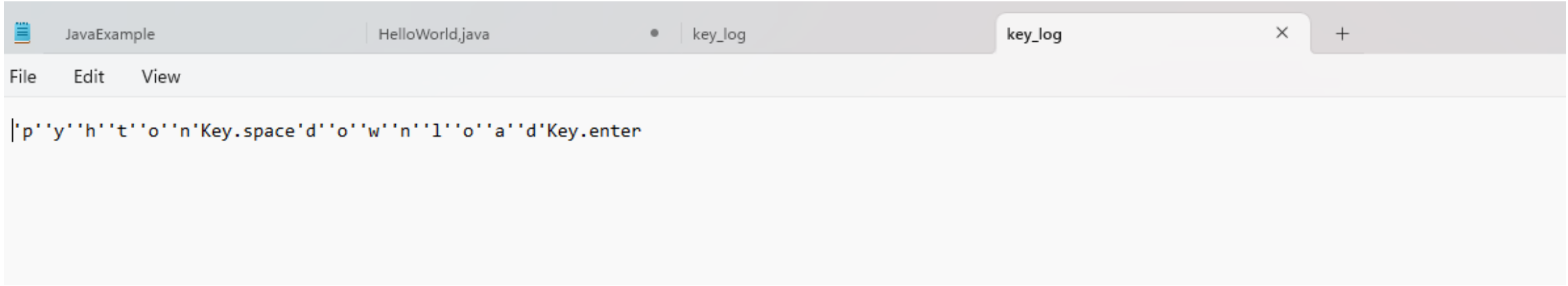
- **Python IDLE (Python 3.12.3 version)**
- **Python Commands & Libraires Files**
- **pip install pynput**
- **pip install jsonlib**

ALGORITHM & DEPLOYMENT

```
    start_button.config(state='normal')
    stop_button.config(state='disabled')


root = Tk()
root.title("Keylogger")

label = Label(root, text='Click "Start" to begin keylogging.')
label.config(anchor=CENTER)
label.pack()

start_button = Button(root, text="Start", command=start_keylogger)
start_button.pack(side=LEFT)

stop_button = Button(root, text="Stop", command=stop_keylogger, state='disabled')
stop_button.pack(side=RIGHT)

root.geometry("250x250")

root.mainloop()
```



RESULT


JavaExample
HelloWorld.java
key_log
key_log
File
Edit
View
'p''y''h''t''o''n'Key.space'd''o''w''n''l''o''a''d'Key.enter

CONCLUSION

- The final conclusion is using keylogger we are monitor the parental software and law enforcement without target's user knowledge .

FUTURE SCOPE

- Parental Monitoring
- Employee Monitoring
- Law Enforcement and Investigations

THANK YOU