

## Programming Assignment 2

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Due Wednesday, October 4 / Late deadline Sunday, October 8

Write a software key-logger and test it while you fill out a web form or type in the contents of a document using your favorite document preparation software. You can use Java or Python to do this assignment.

**C and C related programming language is not allowed for this assignment.**

Hints: You can find a demo and API for key-logger hook in the following link for JAVA. <https://github.com/kwhat/jnativehook>

This project can only be used to learn how to use JNI library and how to use APIs in the project. You will receive 0 if you directly copy code from this project.

Graduate students task and bonus task for undergraduate students:

Please build a graphic software with display area and buttons.

### Instruction:

1. You can use Java or Python to do this assignment.
2. Your work should be compressed to one file as "**CampusID**A2.zip".
3. Your program should be runnable without any error or exception. Any program has errors or exceptions will receive 0 as grade.
4. Please write comments (includes meaning and function of current line) for each line of **your** code. The comments worth 50% credits.
5. Include comments at the top of your code indicating that you **will not** use this program for any malicious activity. The goal is to understand some of the tools used by criminals so that their actions can be prevented or minimized.