

## Neurotechnology Laboratory Department of Biomedical Engineering School of Biomedical Science and Engineering

## 陽明交大 **NYCU**

## 國立陽明交通大學生物醫學工程學系 神經科技實驗室

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## Programming Language, Spring 2023, Homework #0 (Due: 18:30, 03/01)

**Problem 1**: Explain the distinction between translating a program and interpreting the program.

**Problem 2:** List components of von-Neumann architectures.

**Problem 3:** How is the below program executed in the PC? please describe in detail •

Temp = v[k]; v[k] = v[k+1]; v[k+1] = Temp;

- 1. Homework will be available on E3.NYCU
- 2. Return your homework with A4 sized paper. Different paper size will not be accepted.
- 3. Note your name and ID number on the top of the paper.
- 4. Write the report in the same sequence as the problems.
- 5. Codes, results, figures and discussions should be added in the report.
- 6. No cover required.
- 7. No late submit.