



PROBLEM SESSION 3: Assembly Language.

1. Download "visUAL2" emulator software to compile and test your ARM assembly source code from this link: <https://scc416.github.io/Visual2-doc/download>
2. Write a program from Assembly programming language in the "visUAL2" emulator software, you can choose only one between
 - a. Insertion sort (get 80% score.)
 - b. Selection sort (get 80% score.)
 - c. Quick sort (get 100% score.)
3. Test and compile your program on "visUAL2" emulator software only, there is no need to compile with your native compiler on your workstation.

Submission

Submit the **source code** and the **PDF document files** with explanation of your source code and output result. This is the problem session for the group of 2-3 students.

Hint

- You can download the "Lab3_GuideLine.pdf" from LEB2 to study about sorting algorithm.
- You can download the "BubbleSort.s" from LEB2 as an example about how to write and compile assembly code with "visUAL2" emulator software.
- Further information: <https://tomcl.github.io/visual2.github.io/guide.html>