

Practice Exercise #46: Module Sorting

http://www.comp.nus.edu.sg/~cs1010/4_misc/practice.html

Reference: Week 11 Lecture Exercise #3

Date of release: 27 October 2014

Objective: Sorting

Task statement:

Given two arrays, one containing module codes and the other containing the number of students enrolled in the modules, sort the modules in ascending order of student enrolment using Selection Sort, Bubble Sort or Insertion Sort.

You may assume that there are at most 10 modules and a module code contains at most 7 characters.

Sample run:

```
Enter number of modules: 10
Enter module codes and student enrolment:
CS1010 292
CS1234 178
CS1010E 358
CS2102 260
IS1103 215
IS2104 93
IS1112 100
GEK1511 83
IT2002 51
MA1101S 123
Sorted by student enrolment:
IT2002    51
GEK1511   83
IS2104    93
IS1112   100
MA1101S  123
CS1234   178
IS1103   215
CS2102   260
CS1010   292
CS1010E  358
```