

## Review for Test 1

### Topics:

I/O, Calculation (both number and string), Decision, Loop, Array

### Materials:

Slides in ppt files (on class website), page number, textbook

### Resources:

Excises in class (thinking together?), homework, assignment, quiz, review exercises

1. String & char (slides 4, 6, 7, 14, 16, 17)
2. Array (6, 7, 8, 9, 10, 14-16, 17, 18-20, 23-24, 25-27, e.g., min, max, avg, total, etc)
3. Loop (15, 20-31, 34, 35-52, 53-61, 65, 72-77)
4. Decision making (15, 19, 23, 26, 31, 33, 36).
5. I/O (15, 18, 27, 29, 37, 43, 45, 47, 52, 54, 63, 72)

### Trace

1. Char, string, number, boolean variable and array's values
2. Display results
3. Value of variable at certain time (usually check the value at the end of program)
4. if, if-else, loop, array

### Fill in blanks

1. Loop

### Short program

1. Input
2. Calculation
3. Output
4. String/char calculation and display

### Challenge

1. Whole Class (import or class head?)