

# Session #5

Arrays, Strings, and let's put it all together

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ICPC SCU

# Session Structure

- What is a data structure?
- Why do I even need arrays?
- Storing arrays in memory
- Declaring arrays
- Arrays indexing
- Multi-dimensional arrays
- Iterating over arrays
- Runtime errors: out-of-bound
- Char arrays
- Functions with arrays?
- Primitive vs User-defined data types
- Strings and methods