

Week 2: Basic Programming in C++

Project Group Distribution

Basic programming in C++:

Learning Materials: Chapter 2-5

demonstration and practice

- Basic programming structure in C++
- Taking input and displaying output
- **Enumeration**
- Structure
- **Reference argument**
- **Overload function**
- **Inline function**
- **Default argument**
- **Returning by reference**
- **const function argument**

Project Group Distribution:

The number of students in a group may be 3-4 from the same lab section. Groups will submit the proposal of the project within week 4. It will be reviewed within week 6. Instructors may give some sample project ideas.

Practice:

Basic and input and output: chapter 2 exercise 9

Enumeration: chapter 4 exercise 6

Structure: chapter 4 exercise 8

Function: skim through all the example code in chapter 5. Source code available in ftp and google classroom for theory course.