Variable Operations

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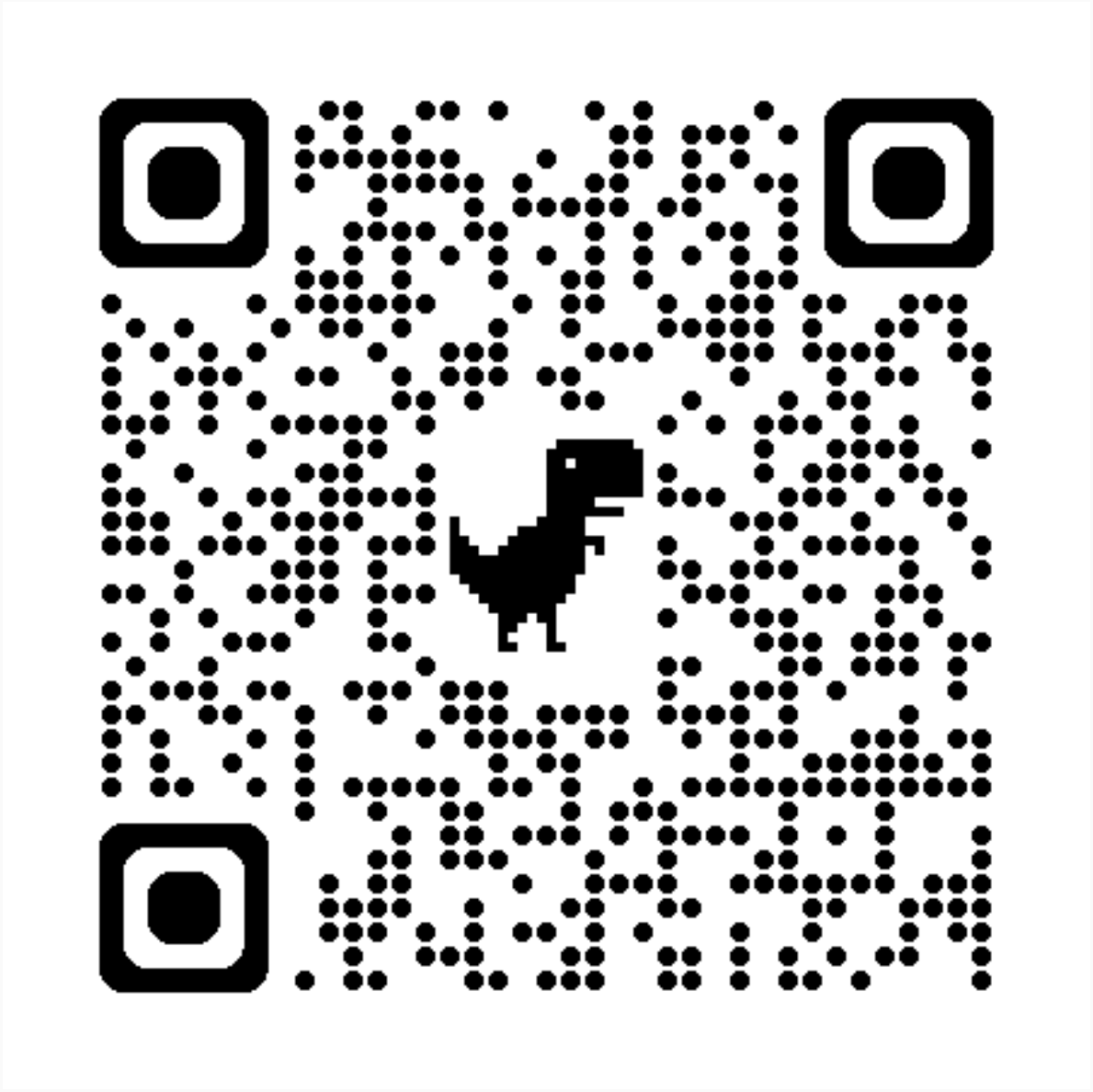
week 2

課程簡報



Outline

1. Recap

2. Variable Introduction

Recap

Basic Structure of C++ Program

- Header file.
- Namespace.
- Main function.

```cpp
#include <iostream>
using namespace std;

int main() {
    cout << "Hello, World!" << endl;
    return 0;
}
```

Remember!

- Every statement ends with a semicolon **(;)**.
- Programs always start from the main() function.
- All functional code needs to be inside a function.
- All functions must be enclosed in curly braces **{}**.

Variable Introduction

What is Variable?

Variables can be thought of as containers that hold data which can be changed during program execution.
Data is actually stored in the computer's memory, and variables provide a way to access and manipulate that data.
You can consider variables as labels for specific memory locations where data is stored.

Common Data Types