Flow Control, Function & Loops

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# Switch Statement

**Remember:**

The expression used in case should be constant. We can’t use variable in case.

We cannot use float, double, string or user defined data type in the switch statement.

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# Function

In short, a function in C++ is a named block of code that can be invoked (called) from other parts of the program to perform a specific action or computation, and it can optionally return a value.

< return-type > < function-name > (< set-of-arguments >)

{

//block of statements

}

Skip

C++ Advanced Function Topics

## Formal & Actual Parameters

The parameters passed to function are called **actual parameters**.

The parameters received by function are called formal parameters.

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## Pass by value & Pass by Reference

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## Default Argument in Function

**Remember**:

All Default argument must appear at the end, otherwise it will give **compiler error**.

Default argument can be given in function declaration, and If default argument provided in function declaration, then no need to write again in function definition, otherwise it will give **compiler error**.

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## Function Overloading

**Remember**:

Function can’t be overloaded based on return type only.

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