

Advantages of C++ Switch Statement

The best benefits of using the switch statement in C++ include:

- The switch statement is easier to read than if-else statements.
- It overcomes the challenges of the “if-else if” statement that makes compilation difficult because of deep nesting. The switch statement has a fixed depth.
- It allows the best-optimized implementation for faster code execution than the “if-else if” statement.
- It is easy to debug and maintain the

programs using switch statements.

- The switch statement has faster execution power.

Disadvantages of switch statements

- float constant cannot be used in the switch as well as in the case.
- You can not use the variable expression in case.
- You cannot use the same constant in two different cases.
- We cannot use the relational expression in case.

Features of switch

- To execute multiple statements, in any case, there is no requirement of braces as in if else.
- The default may or may not use the break statement.
- We can use case number in ascending or descending order or in any random order.
- In both switch and case, we use int or char constant.
- We can use default anywhere in the program because every time default is executed only when there is no match of any case.

- We can execute a common set of statement for multiple cases.
- If there is any statement in switch then it must be in any case.