Content 5

C++ Basic Input/Output & More

#### Basic Input and Output in C++

C++ language comes with different libraries, which helps us in performing input/output operations. In C++ sequence of bytes corresponding to input and output are commonly known as streams. There are two types of streams:

##### **Input stream**

In the input stream, the direction of the flow of bytes occurs from the input device (for ex keyboard) to the main memory.

##### **Output stream**

In output stream, the direction of flow of bytes occurs from main memory to the output device (for ex-display)

**Code1:**

#include <iostream>

using namespace std;

int main()

{

    int n1, n2;

    cout << "Enter number n1: ";  // this '<<' is called insertion.

    cin >> n1;

    cout << "Enter number n2: ";    // this '>>' is called Extraction.

    cin >> n2;

    cout << "The sum " << n1 << " and " << n2 << " is"<< endl << n1 + n2;

    return 0;

}

**Output:**

Enter number n1: 2

Enter number n2: 2

The sum 2 and 2 is

4

#### Important Points

1. The sign "**<<"** is called insertion operator
2. The sign "**>>"** is called extraction operator
3. "**cout"** keyword is used to print
4. "**cin"** keyword is used to take input at run time.

#### Reserved keywords in C++

Reserved keywords are those keywords that are used by the language itself, which is why these keywords are not available for re-definition or overloading. In short, you cannot create variables with these names. A list of reserved keywords is shown in figure down.

