

In the class defined above, the data member `num`. It is defined as private. Private access implies that the member can be accessed only by other members of the class.

Member functions - `getdata()` and `dispdata()` are declared as public. Public access implies that the member can be accessed directly by other members of the class and by objects of the class (in main) using the dot(.) operator.

e.g. $\rightarrow$ `a1.getdata();`

`cout` $\rightarrow$ `cout` is the keyword used to display information on the standard output. It uses the overloaded left-shift operator (`<<`). Any number of items can be concatenated left shift operator (`<<`).

`endl` $\rightarrow$ `endl` is used to insert a new line character in the output. In its place the escape sequence `'\n'` can be used as:

`cout << '\n' << "Enter an Integer";`

or

`cout << "\n Enter an Integer";`

`cin` $\rightarrow$ `cin` is the keyword to enter data from standard input (the keyboard). It uses the overloaded right shift (`>>`) operator.

⇒ White Space :- White Space is defined as spaces, carriage returns, line-feeds, tabs, vertical tabs and form feeds. These are ignored by the Computer. But there are some exceptions:

- The String Constant Cannot be Split.
- #include <header file> must be written in single line.
- // Symbols are used in C++ to indicate Comments.

⇒ Escape Sequences :-

Escape Sequence are denoted by a back-slash (\) and a character.

e.g. - \t is an Escape Sequence because the 't' escape from the normal way the characters are interpreted.

→ Common Escape Sequences :-

Escape Sequence	Character
\a	Bell (Beep)
\b	BackSpace.
\f	Formfeed.
\n	New Line.
\r	Return (Enter key)
\t	Tab
\\	Backslash
\'	Single Quotation Mark
\"	Double Quotation Mark
\xadd	Hexadecimal Representation