

Programming Structure

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Preprocessor Directives (Incl. headerFile)

Global Variable Declarations;

void main()

{

Local Variable Declarations;

Input/Output Statements;

}

Note :

Every “C” Statements should end with Semicolon(;)

Preprocessor Directives

- Preprocessor directives are the instructions given to the compiler.
- They are not translated into machine language, but are operated upon directly by the compiler before the compiling process begins.
- Preprocessor directives begin with a # (hash)
- Preprocessor directives are often placed in the beginning of a program before the main() is declared.

Escape Sequence

✳ Escape sequences are specified as the first argument in Output Statement. They are always preceded with a backslash.

Code	Meaning
\b	Backspace
\f	Form feed
\n	New line
\r	Carriage return
\t	Horizontal tab
\"	Double quote
\'	Single quote
\0	Null
\\	Backslash
\v	Vertical tab
\a	Alert
\N	Octal constant (where N is an octal constant)
\xN	Hexadecimal constant (where N is a hexadecimal constant)

Secondary Data Types

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1. Type Definition

Example: Typedef int age;
 age male,female



2. Enumerated Datatype

Example :

```
enum mon{jan,feb,mar,apr,may,jun,jul,aug,sep,oct,nov,dec };
```