

* #define ← preprocessor directive - symbolic constants.

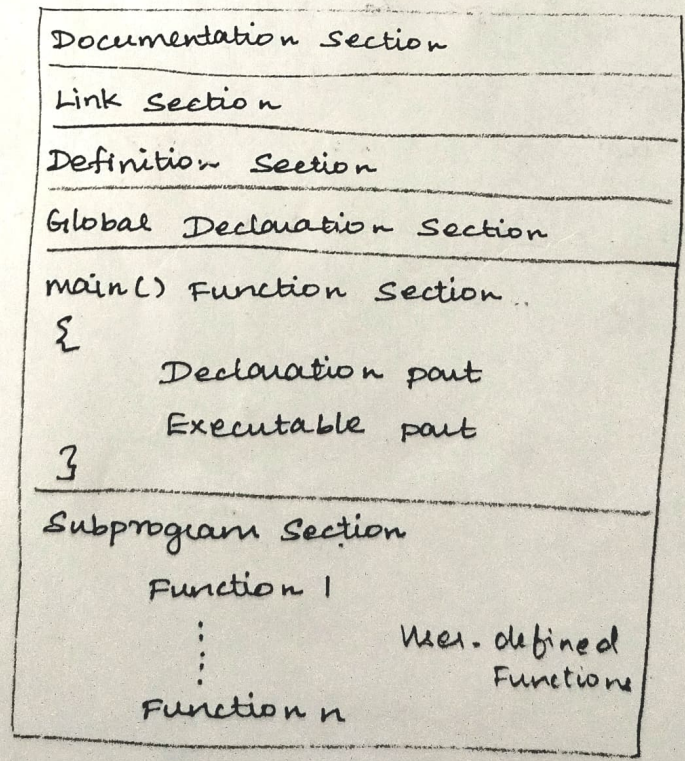
* main:

Different forms of main are:

- main () No arguments.
- int main () Void - doesn't return any information to OS.
- Void main () int - returns an integer value to OS.
- main (Void) No arguments. return 0 ← last stmt
- Void main (Void)
- int main (Void)

Structure of c:

- * c - group of building blocks called functions.
- * Function - Subroutine that may include 1/more stmts to perform specific tasks.



c structure.

Documentation - Set of comment lines (Name of the pgm, author & other details). $/* \dots */$ ⁽³⁾

* Link - provides instr to the compiler to link functions from system library.

* Definition - defines all symbolic constants.

* Global Variable - variable that can be used in more than one functions.

(User-defined fns are also included in this section).

* Main function section $\left\{ \begin{array}{l} \text{Declaration part } a=5, b=3. \\ \text{Executable part. } a=b*c \end{array} \right.$

Subpgm \rightarrow user-defined fn which are called in main fn.

Programming Rules.

* Rules to be followed are:

① All statements in C - lower case. Symbolic constants alone uppercase letter can be used.

② Blank space inserted b/w words. Space not allowed in declaration of variable, keyword, constant & function.

③ Two/three stmts are allowed in a single line separated by semicolon.