V.VIMP.

Structure of C programming.

/* Documentation Section */ Kink Section

> Defination section Global declaration

Main() function section

Declaration part

Execution part at the more more

Sub-program section

function 1

function 2

3 C is a group of building blocks called function which is sub-routine that may include one or more statements

designed to perform at specific task.

17 Documentation Section:

It consist of set of comment lines giving the name of program, author and other details to be used by the programmers. The compiler ignoves any comment so

fig: Structure of Cprogram

they don't add to the file size during time of execution.

27 Kink Sedton:	- to link function system
2) Kink Section: It provides Sustructions to compi	Jet 10 YMIE
library.	
3> Defination section: It defines all symbolic consta	nts.

4) Global declaration section:-It declares variables to make them global.

5) Main() function section:-

loops.

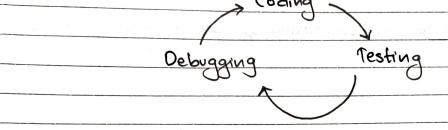
> It is the most important section of the program and one program contains only one main function. > Main function starts with opening brace "5" and end with closing brace "3"

> It consists declaration and execution section. Declaration and execution section declares all the variables used in executable part. The process to be performed is present in execution part. There must be at least one statement in executable part. Each statement ends with Osemi column except for function definations, coultrol statements and

C78ub-program section:-It contains all the user defined functions that are called in main function.

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System Debug: If emors occurs while teating a system programmer needs to make the connection of the system. Coding, testing and debuging is a coutinuous process, so it is a cycle.



Testing :-

Programmer needs to test the new soystem using variable. various dummy data to find out wheather if meets up the requirement or not. If emors occured during testing we need to debug those codes. There are various type of testing, such as: Unit testing, Module testing and Integrate testic

Occumentation:

It includes: -

1> It is the instruction for using the build program. 27 The most common form of documentation is mannual document, that comes alone with the devices me purchase

3> It is an important part in software engineering process.

@ Architecture /Designing: Overview of software and includes relations to

the environment and construction principle to be used indesign of software component.

© Regulrements:

statements that identify attributes, capabilities, characteristics or quality of the system. This is the foundation for what should be implemented.

@ Technical:

It's includes documentation of codes, algorithm & API.

@ Endusers:

It should includes mannual for the end users, system administrator and support staff.

@ Marketing:-

It includes how to market the product and analysis of product or market demand.

Keywords:

Keywords are the reserved words in the program. That means they are defined in the c-compiler. They have opposed significance in c programs. They maynot be used for any other purposes. For example, keywords cannot be used to give the variable's names, function's name etc. There are altogether 32 keywords in c-programming which are shown in the following table:

turning the second seco	auto	double	Ŷ	Static	MET TERMINATION OF
	break	clse	int	Struct	
	case	enum	long	switch	
Kine or a	char	extern	Near	type def	
	const	float	register	Noin	
	continue	far	return	unsigned	
	default	for	short	reid	
	do	goto	signed	while	
		U			

· Note:

1) A keyword name cannot be used as a variable name.

2) Keywords must be written in Rower case.

3> It openifies the type/Kind of entity.

Identifiers:

In C-programming, name given to variables, constants, functions arrays and various other user defined flems are known as identifiers. It can also be defined as a set of combinations

of one or more letters or digits used to define constants, variables, functions etc. Identifiers are defined by user and user schooled try to give meaningful name while using identifiers

to increase the readability of program.

Date:		
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at Au Identifier can only have alphanumenic characters (a-z,

A-z, 0-9) and underscore (-)

b) The first character of an identifier can only contain alphabeta (a-z, A-z) or underscove(-)

c) Identifiers are also case sensitive in C. For example: name and Name are two different identifiers in C

dy Keywords are not allowed to be used as Identifiers.

e) No openial characters, such as a semicolon, period, white spaces Wlash, or comma are permitted to be used in or as an edentifier.