	Date. No.
	A to be a second of the second
	# Basic Another of a language
	# Basic Structure of a 1- program:
	(i): Documentation section/ Comment section:
	I consists of author date and
	description of program. It is optional * * =) multiple line.
	- It is obtional /* * = multiple line.
	If is used for understanding / future use.
	(ii) Link section:
	g: # includes header files g: # include < station > > standard input-output function.
	# include < conio-h > = console input - output function.
	# include < math.h) > mathematical operation
	# include (string-h)=> string function.
W.	(Silling of Silling Junishon.
KI .	- This rection is married
	- It links breeday
	- It links pre-defined code in the program
	(iii) Definition section:
	- It includes all symbolic constant.
	- This is obtioned.
	- This is optional. 4: # define PI 3.14

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1	City Clobal Dockerting Parting:
1	(iv) Global Decleration Section: - It is used to define variables and functions
	(1/2) 11
	globally.
_	(v: Main section:
	- It worsists of a main function and the program execution starts from main function
	execution starts from main function
	- This is compulsory.
	- It is divided into two parts: decleration and execution part - Decleration part is not necessary but execution part
	- Decleration past is not necessary but execution past
	& important
_	
	(vi) Sub-program section:
-	- This section contains all the user defined functions
	and comes after main function:
	C. 11 aaaa 7
	Eg: // aaaa 7 - nocumentation
	: */
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	# indude < stdiv. h > 3 -link
	14 10 DE 2.14 & Definition.
	int a=5 y global deducation.
	void display();
	unid main ()
	ord main se thon
	display (); 3
	void dintay() I hint f ("Gun"): 3 3- sub-program section
	& printf ("Sun"); 3 3- sub-program section

	# Execution process of a C-program:
-	
-	Source Code first-c
-	first-c
-	[Pre-processor] [fint-i
+	first-i
+	[Compile]
+	
-	Emor Syntax Estar
+	
+	Ascombles
-	fist-obj
	link with system library
-	fint-exe.
	[Execute] & input
	No
	Line Rogic of
	Data error / yes.
	/No
-	[Output.]
	Ougan trans
	Execution process is divided into three steps:
	1) Kanslotion
	ii) Linking iii) Louding
	The Louising

GIDENSI

i) Firstly the Ameson is written.
i) The program is written.
in this file. The source code is expanded
in this file. The source code is expanded
iii) The compiles compiles the program.
ii) The compiles compiles the program. iv) Assembles converts the code into object code.
v) The object code is linked with system libraries
ui) Then, the file is located lized to main memory
in a single file and then the execution is done
Tomber 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
The execution of program starts from main function.
Martin Halling Halling . And the state of th
Hormatted Input Function in C:
- scanf() is formatted input function.
+ It takes input and assigns a value.
all all during between a nitroit of the fine of
Syntax: sa scanf ("control string", auguments)
Three.
contral ofring = confuins the format operaties
arguments = contains the format specifies arguments = contains the address of variable.
Eg: scoof ("t.dt.d", fa,fb)
1. 3411

THERE

- It returns the number of input that has been
taken from the user.
- It takes integer, float and character values or
miked-
Eg: scanf ("1.4d 9. "/-d, 4a,4b);
This means with is 4.
Grandil reduce who hard a stor trice of the
Cases: i) 7-6d 4= (ii) 1/-6d
- takes 6 space - takes 6 spaces
-> right vustified -> left justified.
ten cuerte mont stanta meterna (o - metamara anti-
(ii) 7-06d (iv) 7-06d
- right justified - left justified
+ fills empty space with D + fills empty space with D.
millionia della della della Colonia et
formatted output Function in C:
- printf () function is formatted output function.
Categorian and American per william
Syntax: printf ("control string", argument);
i) putting a menage ii) putting format specifies.

Unformatted Input Function: Here, the input is not arranged in particular It works on charactes datatype. The functions are: getchar(), getch(), getche(), getch(). i) getchar(): it reads single characters from standard input device Syntax: variable = getchar () + Many charactess can be included but it reads only one character from left. ii) getch (): It is used to hold output screen and it doesn' - It doesn't show what is written in the screen and we get directly output. Syntax: ch=getch (is used for passwords. iii) getche (): It takes single character from consule, at the character is ecode on the screen and immediately, next line is executed. Syntax! ch = getche()

(iv) gets () - It takes complete string as input. Furnant specifies: Y.s. Syntax: char ch [10] gets (ch); # Unformatted output Function: Here the output is not arranged in particular format. The functions are: putchar(), putch (), puts (). (i): putchar(): - It gives single character as output. - Under stdio-h Syntax: putchar (vasiable name); (ii) putch (): - It gives single charactes as output. Syntax: putch (variable name); (iii) puts (): Syntax
i) puts ("string"); ii) char ch [10] puts (ch); next line ofter execution.