Chaptere 3:- Input & output in c - Provided using Library functions carried statishing - peutchar | printf OR generar I scanf - other tunenons from other sibraries are mam. b, strongs. b. state to b. 3.1: Conversion specifier: used wern provide & scant to specify type & properties of parameter coucibe used with wong (it) or short (h) specifiers as well. * * Note 3.2: Reading input data: Note: wen 1-5 as conversion specifier no need for b - scanf L" control string ", according 1; symbols or specific whitespace characters can be encluded as delimiter like scantc 4+d- +d - +d 1, tdare, +monm, tyear) to print is dired to " space between convertion specifier is ignored! Hote 4 to 3.8: weiting output bates: printf c" control string", variable) conversion specimen as control strong - cour be cure used just for printing to print ', ", 1 -> use 12, 1", 11 (use backscash) 3.4! Formatting input And output: Like how does a cred an econt point using conversion spectives. we can format data using format specifiers 3.4.1: Format for integer input: scanf (1.20-120, ta, tb) -1. wd more Head CONVEY 6100 ca) when lip data 5 w unaversed and printed le moia द्रष्टिकार illy data (b) when ilp data ? w untered and printed e-g: scanf (1.2a -13 d, ta, tb) -1 25 - unawered - output 1, 25 too 293 - cutered - output 10,00 3.4.2: format for integer output:

-1- wd

- If olp 5 w - unautered and leading blambs are added

	imp If Olp i w → then also printed correctly and not dutered!
	3.4.3: Format for floating point numeric inputs
	-1. wf was tiesel widen encouring desimal pontrand data before falter
	F- floating point conversion specifier
	scant (-1.35 -1.46, tx , ty)
	(a) when itp is less man w, unautered
	ilp → 2-9 3-2 → Ouspus 2-9 3-20
	(1) when oip is greater man w, autored
	i(p → 1.93 3.287 → ocuspect 2.9 3.00
	3.4.4:- Format for Housing point numeric inputs:
	-1. w.nf w- hera wian f-2 conversion specifies
	n - no of desimal after desimal point
	pmn+t case=1.4.1+ , y=1.7.2+", 20, y)
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	25.3 (635.82 2 5 3 1 6 3 5 . 9 2
	(5.231 65.898721 1 5 . 2 6 5 . 8 9
	3.4.5: Former for String Input:
	·1.008 0 → total number of characters to be stored in string
	-1 tormaticonversion specifies
	if scanf (-1.35, str) with Input " Kiran"
	OUTPUT WELL be (K, ', I), 'R), 1/0, automatic
	3.4.6: Formar for string output
	1. cs. ns co → total number of characters to be stored in string 5 → tormat conversion specifier
	n - only first n characters when be clistrayed.
	Kest (m-u) (saanud krauti mm te aaasa i
with len	width
<u>S</u> -11 P	nnted
	ν
only !	leading space
1646	
onw.	and states printf (4. 7.3f, screen kmar):-