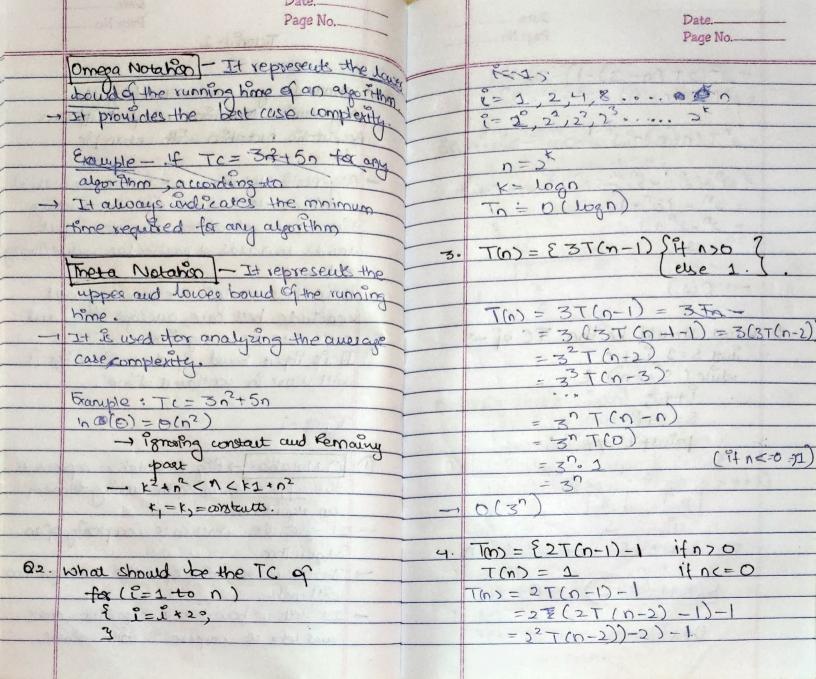
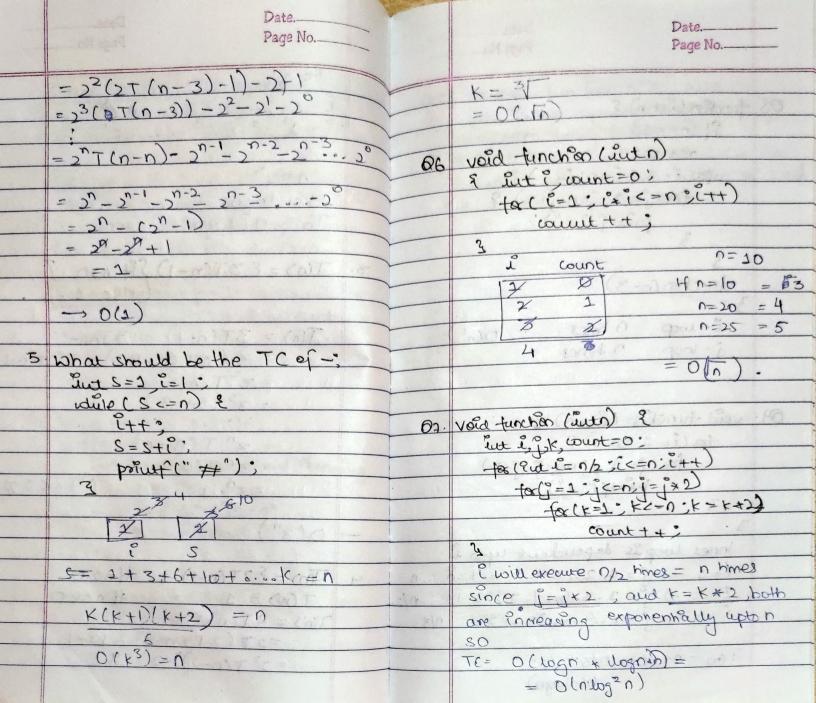
	Shambhavi Vats
	Date.
	Page No.
	Tutorial-1
	distribution of the transfer of the section of the
61.	What do you understand by the Asyntohic Notations. Define Different
	Asyntohic Notations. Define Different
	Asyntohic Notation with example.
1800	TO A BARRIE ST SUBSTITUTE OF THE STATE OF TH
->	Asymbolic Notations are the mathematical
- 0	notations used to describe the running
	timo of an algorithm when the input
	tends towards a pasticular value/limit
<u> </u>	Value of the property of the same
	Using these analysis we can very well
	conclude best eace, anceape case, and
	workt case of an algorithm.
	It is input bound, it there is noils it
	will Work in constant time.
	The second the second part of part of the second se
	Types -:
3LA	United fine ameters paragraph for
0	D Notation -> Big O Notation represents  The upper bound of the running time of
	the upper bound of the running time of
	Cin algorithm
$\rightarrow$	It gives the worst case complexity of an
	algorithm
-	It tells is the not of eperation an algorithm
	will make.
	It tells us how fast an algorithm grows
	and let u ce compare it with others.





Page No.\_ 08 function ( Let n) E Pt (n==1) face-1: (en)i++) { fa (j= 1; jen; j++) { printf (" +")" -furction (n-3) qual-3  $= O(n^2)$ n times n hmes i - 600p void tunchon (int n) ? tali= 1 ton) E fa (;= 1 ; j en; j= j+i) printf (" +"); Inner loop is dependent upon i =1 =) = 1.2.3.4.5.6.7.8...n == 2 =) == 1.3.5.7.9..11.13...1 i=3=) =1.4.7.20.13... n/s T(n) = n+ n/2 + n/3+.... o(vodu)