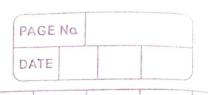
	Sachin Dharankar.	PAGE Na				
		DATE				
	Lets apprade					
	Data structures & Algorithm.					
	Assignment No:-1					
		Company and the second of the				
	What is time, space complexity of					
	given code.					
_	int a=0, b=0					
	For (i=0; i <n; i++)="" th="" {<=""></n;>					
a= 9+1:						
. 5						
for ( = 0 · j c m · j + + )						
	{					
	p = p + j					
	3					
	1) Here the time complexity will be,					
	0 (N+M)	(I)				
	In the given code we don't know if					
-	'N' is greater than 'm'	or vice versa.				
-	the Lime complexity	حدد في م م النب				

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will be as given

To be precise the time complexity will 0 (max (N, M)

2) In case of space complexity as no extra space is utilized, the space complexity will be constant which is



What	- does it	mean	when we	say that
more	efficient	than	Υ,	
	an	an algorithm	an algorithm x is	what does it mean when we an algorithm x is asymptotemore efficient than Y.

inputs except possibly small