	Assignment - &					
	Stack overflow					
Q1:						
	1	Program.				
	# include < stdio. hs					
		mint main() {				
	char str [5];					
	I N	int i= 0;				
	for (i=0; i<=15; i+1) { Str [i]= 'a';					
						3
	return O					
	10	76p0		The		
			la?	(P)1		
						Yax
	17-		دم		1-1-49:00	
-	over How of		(a)		2000	
	allocate mon.	(a)	(a)	1 to 76	etg eax	
					0	
	rdz.	(0)				
	V16460	(a)	- tai			
	(1000)	(a)			. 42	
		OXI 40 OXF		- 8b	2-10	
	(7CD - 20h)	professional day for the first control of the second secon		1	14	
	(75p, -20h)					
	Sxxxdx 1/ 10028 rdx content is changed due					
	1 stack smark to overwriting of a.					
						- stack_chk_fail is caused
	Stack smarked has occur					
		All Control				

Scanned with CamScanner

Stack diagram of reculsive program
Program # includestation>
int fact (int n) ?
if (n <=1) return 1.
else return n x fact(n-1); D2. int main (17 int a= fact (3); return o; rbpo 3×2×1=6 return address ochurn address return adderer eax. I leave 9