	Actuity Extracting Panallelism 1D (oses
	1. Transfarm
	Loop Henotian
Solur	Complexity O(n)
Solun	Granulatity breaks down to loop Herotton
	quen coll to function fore independent.
	and a write operation which invalue individual
	indexes.
	(0) (1) (2) (3) · · · · · · (n-1)
1	
Solu-	width n O(1)
	WORK n G(n)
	Contical Path, any single task from
	1 to n
	Length of CP = 1 B(1)

6	2. Reduce
Solu	> (amplexity 0(n)
	- Granularity comprises loop Heration and call to function of which in case takes two parameters one is nesalt, which is being applied on every Heratinan hence dependent
	and an Independent resonable Index-from array. (ase Read > White. (b) (2) (3)
	Wark n, $\Theta(n)$ OP is a constant time Operation assuming cost $O(1)$ Contral Path (whole Graph Itself).
	$\frac{\partial}{\partial r} = \frac{\partial}{\partial r} = \frac{\partial}$

	3 Pretix Sum
Solu	(n)
Solu	pn[o]=0 task 1 (statement)
	fan (Inti=a; Kn; itt) pn [itl] - pn [i] + an [i] +ank 2 (loop Hon) fank n (ase Read > walte.
	task (1) is an awignment statement. (2) and restratine tooks are performed by loop, inside of which two wariables one dependent and other independent one being used and writer over to next index of pr (Array). (1) (2) (3) (4) (n)
Solura	Width 1 Wark n, $G(n)$ Critical Poth (whole Graph itself) $G \to G \to G(n)$ Lendling $G \to G(n)$