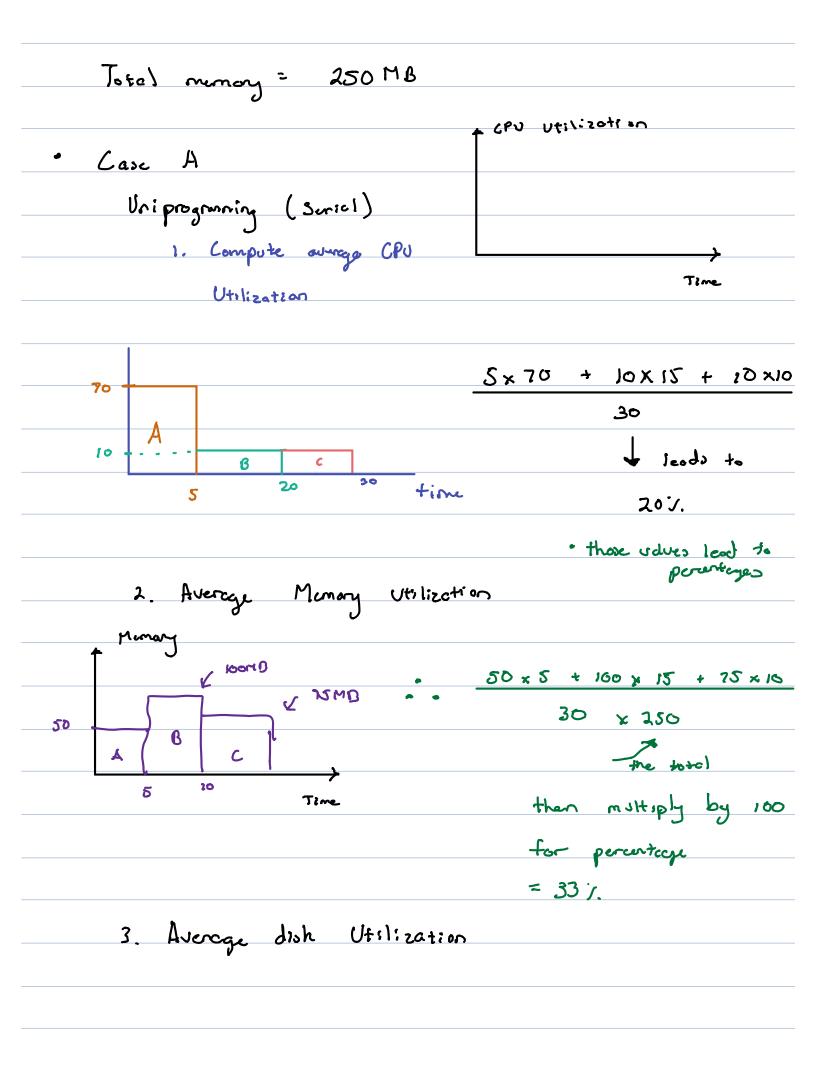
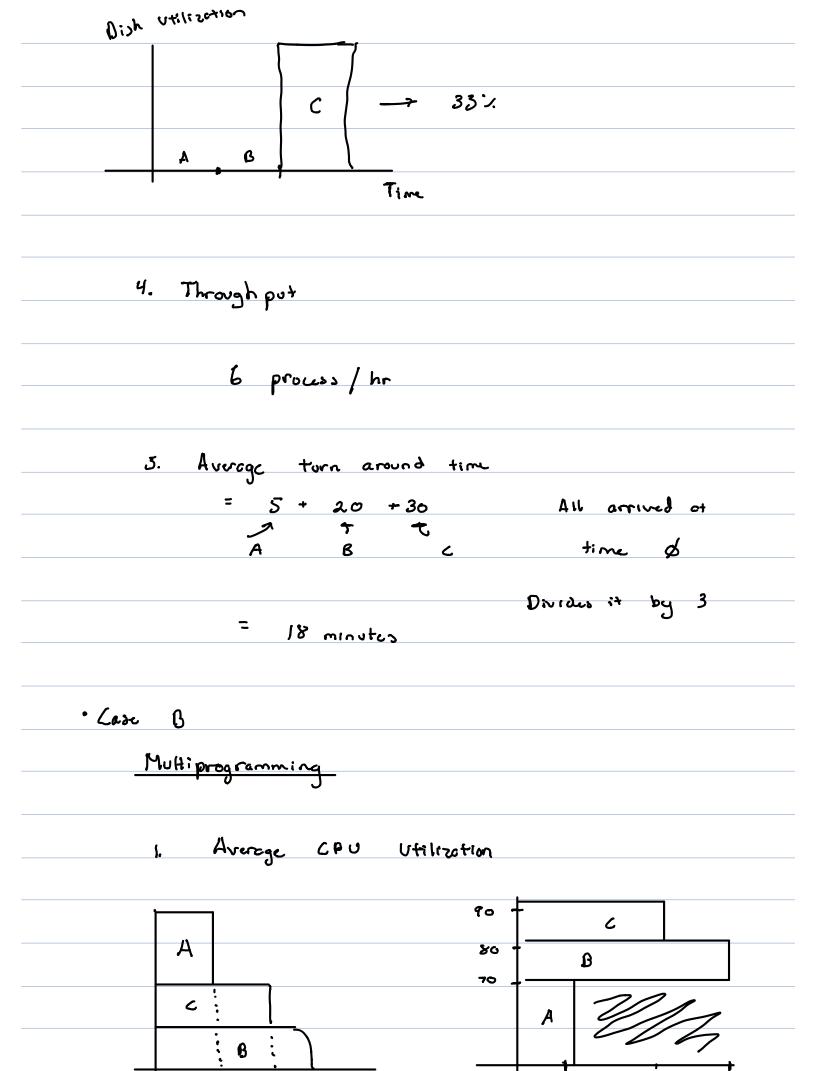
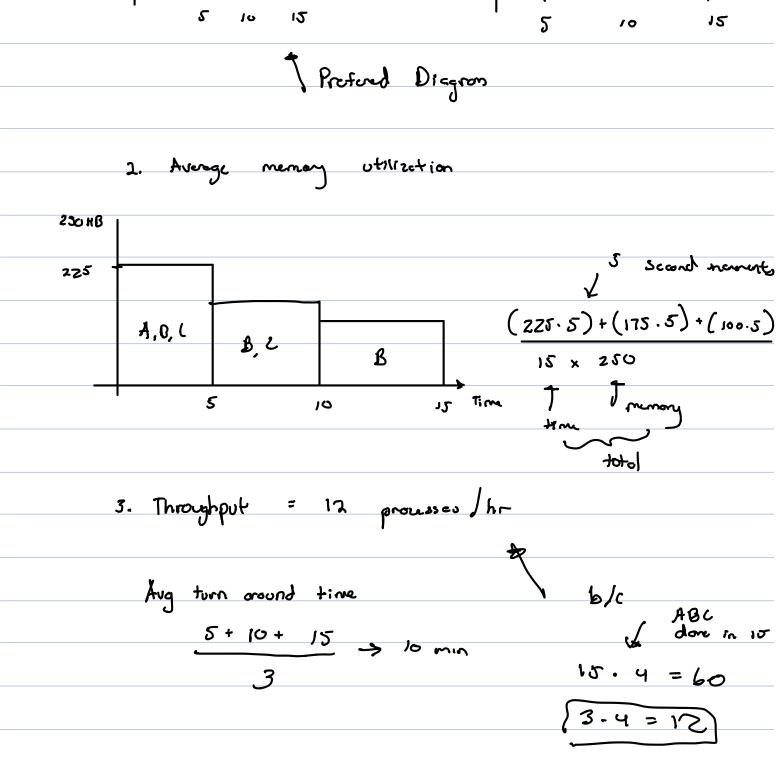
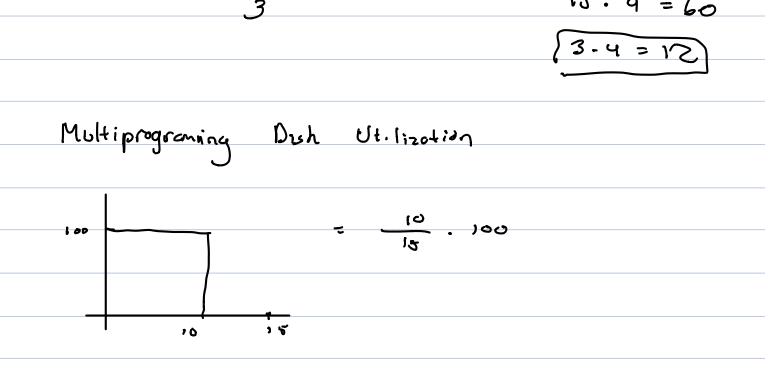
<u> U+</u>	rilization					
	Precentage of	tim a	اردەصامد ز	י אַר י	><	
2	Throughput					
	To measure the	output of	the sys-	ten		
	rate →	3 processes	/ m20			
	т I					
[3]	Turn around	<u> +:me :</u>				
	Time taken	between	subm;tti	Λ <b>α</b> 4 1	Dro Wa)	
	until it's			J		
4	Response tim	<u>.</u> :				
	Time taken	between	submitt	ing a	process	~J
	getting the	first re:	sponse			
Fxa	emple_					
	Durction	CPU	Menony	Dish	Tempol	Printer
	A 5 min	70	<i>50</i> MB		N	
	B 15 min	ાહ	100 14 13	ν	Y	N
	10 min	10	75 MB	r	$\sim$	r

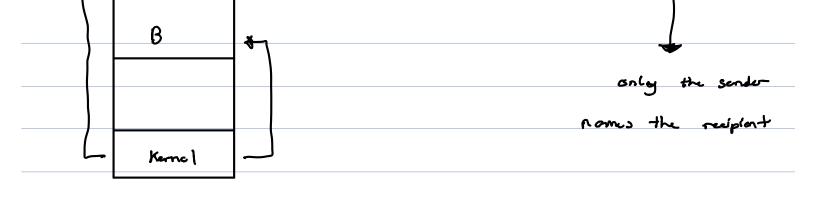








Interprocess Communication								
Need to all process to comunicate								
why?								
1 Sharing Data								
- Modulerize the application design								
· speedup (only on mult; processor systems)								
7/0.000)								
2 Shard memory A								
Shord memory A  Message passing key 1/1/1/1/1/ -> Start of 1/1/1/1/1/ -> Start of 1/1/1/1/1/1/ ->								
100 Her 100 Her								
Establish a shared region								
in the memory. Het resides in								
the oddresses spece of the process creating the shored nuncry								
* Other processes attach to this region								
-> Need to remove OD restrictions for protection								
-> Access Synchronization								
Message Bassing								
Every musage regions the himsel								
A -7 Send (P, mag) 7								
A -7 Send (P, , mag) } symmetric  -> Recive (q, , mag)								



## · Indirect Communication

Museges Sen	t/recieved through	gh mail boxes	(ports)
<i>0</i> 5		-	
-> Create m	noilbax	Nonblocking ->	you don't wan
-> Delete m		•	•
-> Send n		blocking ->.	get somphing
→ red w	_		

