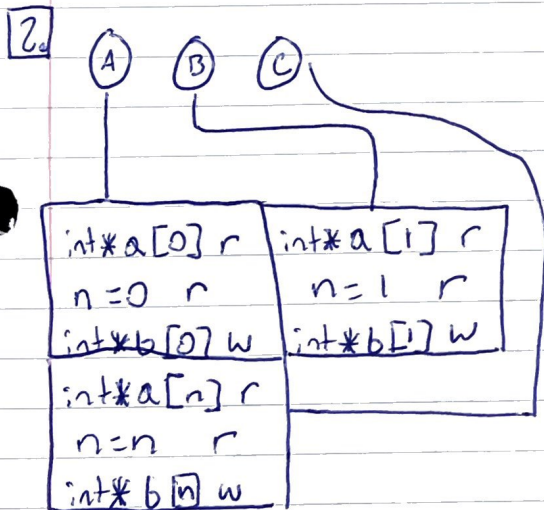


Assignment 4 - PTG Problem Set

1. width: 3
 work: 38
 CP: A, B, I, D, H
 Length: 30

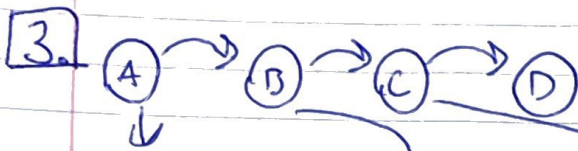
List Sched				
P1	A			H
P2	F	C		
P3		E		



width: n
 work: $O(n)$
 CP: A
 Length: 1

List Sched	
P1	A
P2	B
P3	C

LPT Sched		
P1	A	C
P2	B	



$Pr[0] = 0$ w	$pr[0]$ r $arr[0]$ r n r $pr[1]$ w	$pr[1]$ r $arr[1]$ r n r $pr[2]$ w	$pr[n]$ r $arr[n]$ r n r $pr[n]$ w
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Width: 1

Work: n

CP: A, B, C, D...

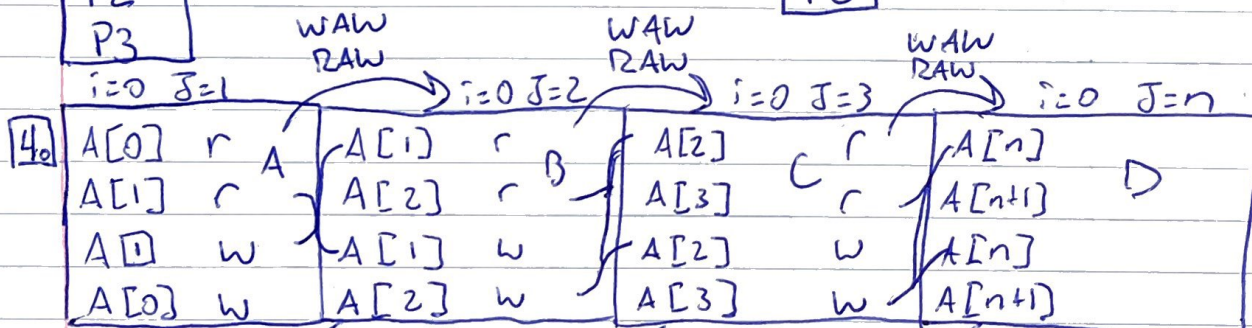
Length: n

List Sched

P1	A	B	C	D
P2				
P3				

LPT Sched

P1	A	B	C	D
P2				



$A[0]$ r	$A[1]$ r	$A[2]$ r
$A[1]$ r	$A[2]$ r	$A[3]$ r
$A[0]$ w	$A[1]$ w	$A[2]$ w
$A[1]$ w	$A[2]$ w	$A[3]$ w

Width: n

Work: n^2

CP: A, B, C, D, E, G

Length: 6

List Sched

P1	A, B, C, D, G
P2	, E, F
P3	

LPT Sched

P1	A, B, C, D, G
P2	, E, F