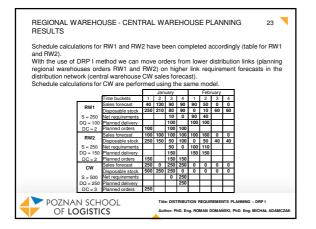
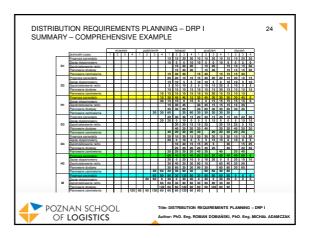
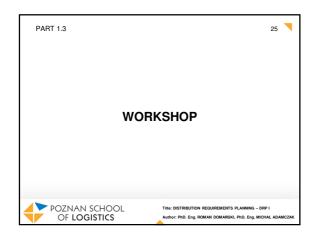
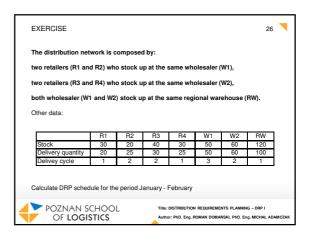


After input data The sales fore In order to faci disposable sto The first foreca	cast line di litate the c ck quantity	splays weekly alculations for (S), delivery q	fore each juan	cast link tity (s for the DQ)	boti follo and	h reg owin I del	giona g da ivery	al wa ta ha	areh as b :le ([ouses . een entere	ed:	
			<u> </u>	Jan	uary			Febr	uary		1		
		Time buckets	1	2	3	4	1	2	3	4			
	BW1	Sales forecast	40	130	90	90	90	50	0	0			
	nwi	Disposable stock	250	210	80	90	0	10	60	60			
	S = 250	Net requirements			10	0	90	40					
	DQ = 100	Planned delivery			100		100	100					
		Planned orders	100		100	100							
	DC = 2												
	00-2	Sales forecast	100	100	100	100	100	160	0	0			
	DW0			100		100	100	160	0	0			
	RW2	Sales forecast	100	100		100	100	160	0	0			
	RW2 S = 250	Sales forecast Disposable stock	100	100		100	100	160	0	0			
	RW2 S = 250 DQ = 150	Sales forecast Disposable stock Net requirements	100	100		100	100	160	0	0			
	RW2 S = 250 DQ = 150 DC = 2	Sales forecast Disposable stock Net requirements Planned delivery	100	100		100	100	160	0	0			
	RW2 S = 250 DQ = 150 DC = 2	Sales forecast Disposable stock Net requirements Planned delivery Planned orders	100	100		100	100	160	0	0			
	RW2 S = 250 DQ = 150 DC = 2 CW	Sales forecast Disposable stock Net requirements Planned delivery Planned orders Sales forecast	100 250	100		100	100	160	0	0			
	RW2 S = 250 DQ = 150 DC = 2 CW S = 500	Sales forecast Disposable stock Net requirements Planned delivery Planned orders Sales forecast Disposable stock	100 250	100		100	100	160	0	0			



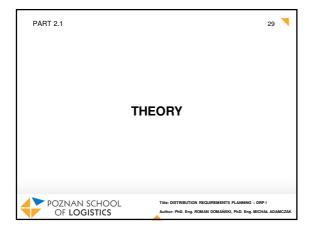


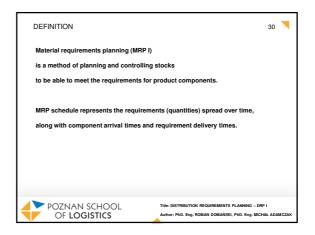


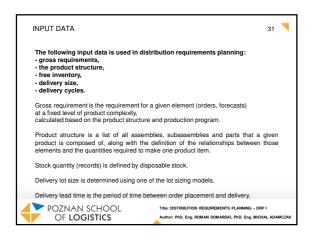


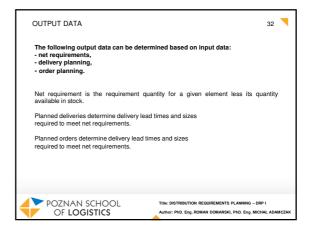


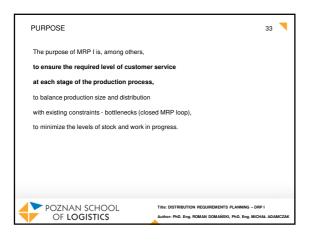




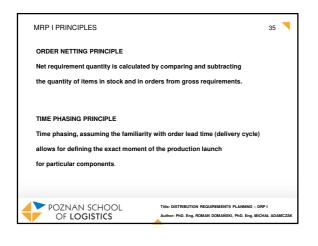


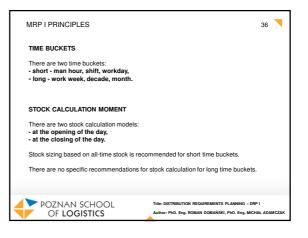






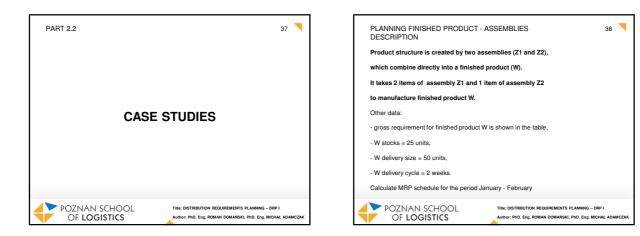
MECHANISM - A requirement forecast is prepared for each final product This requirement forecast provides the basis for preparing the product rec (delivery) schedule Receipt (delivery) schedule is the basis for developing product release sched (orders) Finished product release (order) schedule automatically becomes a requirent forecast for it component elements at a lower structure level The same applies to subsequent (lower) levels of product structure. Thus the er distribution network can be covered under one shared planning mechanism. It may t	
This requirement forecast provides the basis for preparing the product rec (delivery) schedule. Receipt (delivery) schedule is the basis for developing product release schere (orders). Finished product release (order) schedule automatically becomes a requirent forecast for it component elements at a lower structure level. The same applies to subsequent (lower) levels of product structure. Thus the er distribution network can be covered under one shared planning mechanism. It may it	
(orders). - Finished product release (order) schedule automatically becomes a requiren forecast for it component elements at a lower structure level. - The same applies to subsequent (lower) levels of product structure. Thus the er distribution network can be covered under one shared planning mechanism. It may t	ct receipt
forecast for it component elements at a lower structure level The same applies to subsequent (lower) levels of product structure. Thus the er distribution network can be covered under one shared planning mechanism. It may be	schedule
distribution network can be covered under one shared planning mechanism. It may be	quirement
point of departure for improving the functioning of the production and procuren system.	may be a
ESSENCE	

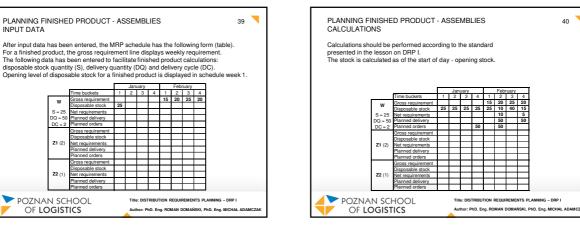


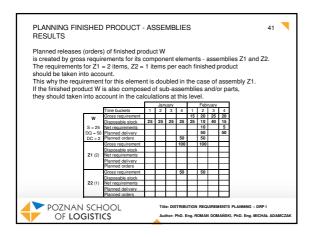


40

20







INPUT DATA

S = 25 DQ = 5

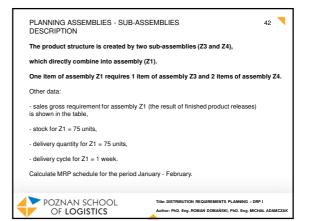
Z1 (2)

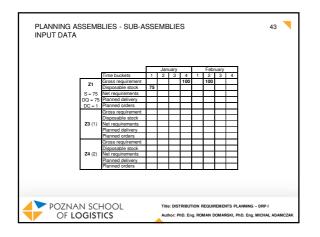
Z2 (1)

➤ poznan school

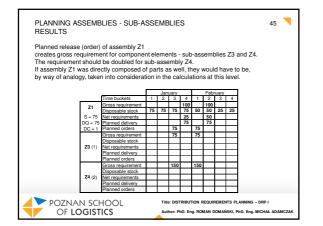
OF LOGISTICS

delivery

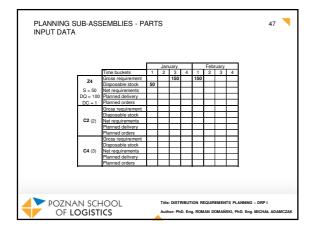


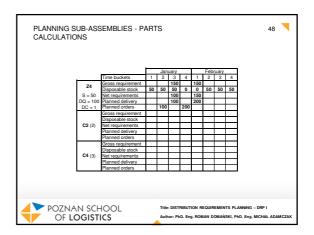


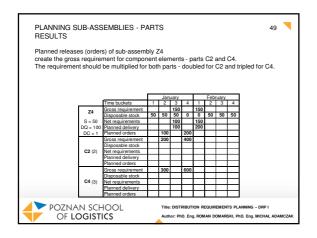
	* 1 1 1			uary			Febr				
	Time buckets	1	2	3	4	1	2	3	4		
Z1	Gross requirement	75	75	75	100 75	50	100 50	25	25		
S = 75	Disposable stock	/5	75	/5	25	50	50	25	25		
	Net requirements Planned delivery				25		50		_		
	Planned orders			75	/5	75	/5				
DC = 1				75		75					
	Gross requirement Disposable stock					_					
	Disposable stock Net requirements										
	Planned delivery								_		
	Planned orders								-		
	Gross requirement					_			_		
	Disposable stock	_									
	Net requirements					-			-		
	Planned delivery	-	-	-	-	-		-			
	Planned orders	-	L		_	_		_	_		

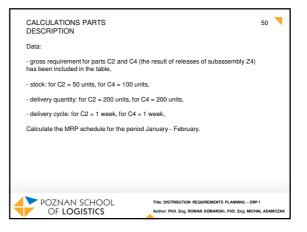


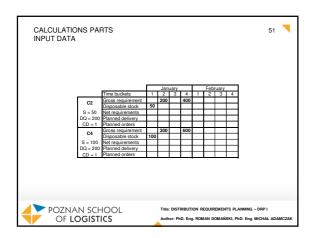
PLANNING SUB-ASSEMBLIES - F DESCRIPTION	PARTS 46
The product structure is created by	two parts (C3 and C4),
which directly combine into sub-ass	embly (Z4).
One item of sub-assembly Z4 require	es 2 items of part C2 and 3 items of part C4.
Other data:	
 gross requirement for sub-assembly Z is shown in the table, 	4 (the result of assembly Z1 releases)
- stock for Z4 = 50 units,	
- delivery quantity for Z4 = 100 units,	
- delivery cycle for Z4 = 1 week.	
Calculate the MRP schedule for the per	riod January - February.
POZNAN SCHOOL OF LOGISTICS	Title: DISTRIBUTION REQUIREMENTS PLANNING - DRP I Author: PhD. Eng. ROMAN DOMAŃSKI, PhD. Eng. MICHAŁ ADAMCZAK

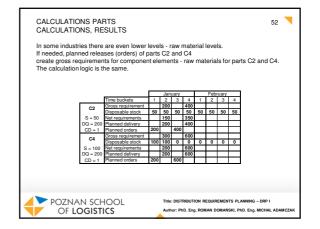














W Z1 Z2 C1 C2 C3 C4 Stock 30 20 40 30 30 60 50 Delivery quantity 20 25 30 40 25 60 50	combine into ass 2 items of part C3 Than the produc combine into ass 1 items of part C4	t structu embly (Z2	re is crea	ited by tv m of asse	vo parts (mbly Z2 re	C3 and C equires 2 i	24), which item of par	directly rt C3 and
	Other data:		-		C1	C2	C3	C4
		W	Z1			00	00	50
Delivey cycle 1 1 2 4 1 2 1	Stock	30	20	40	30			

