

LOGIN PASSWORD



schools, police forces, etc., can all use a model like this to optimize their personnel

scheduling.

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НО	ME PRODUCTS	EXAMPLES SU	PPORT	ORD	ER				LOGIN
P	ERSONNEL SO	CHEDULING F	OR A	N AN	IUSE	MEN	IT P	ARK 1	Home
	nployees working five cons		-					Try for Fi	ree
Sch.	Days off	Employees	Sun	Mon	Tue	Wed	Thu	(All fields	oro
acii. A	Sunday, Monday	3	0	0	1	1	1114		ale
л В	Monday, Tuesday	5	1	0	0	1		required	1
c	Tuesday, Wed.	6	1	1	0	0		required	
D	Wed., Thursday	4	1	1	1	0	j	1 1	
E	Thursday, Friday	6	1	1	1	1	Ŏ	For instant	ccess to our
F	Friday, Saturday	1	1	1	1	1	I	white papers	s. example
G	Saturday, Sunday	0	0	1	1	1	1	mbdels ⁰ full-	•
	Schedule	e Totals: 25	22	17	14	15	15		to download
	Total Dar	22	17	13	14	15	free trial of c		
Total Demand:			22	17	13	14	13	register now	
	Pay/Employee/Day:	\$40						•	William
	Payroll/Week:	\$5,000						obligation.	
Probl	em		USER TYP	E					
An amusement park needs a certain number of employees each day of the week. Every employee must be on a schedule that gives him/her two consecutive days off. How many employees should the park hire and what schedule should they be on to								Please sele	ct
	ize total payroll cost?	INDUSTRY	TYPE						
Solution 1) The variables are the number of people hired for each of the 7 possible schedules. On worksheet Sched1 these are given the name Employees_per_schedule.								Please sele	ct
2) The logical constraints are Employees_per_schedule >= 0 via the Assume Non-Negative option Employees per schedule = integer								EMAIL AD	DRESS
There	is also the constraint to ha		o operate t	he rides	each da	ıy:			
	Employees_per_day >=								
3) The objective is to minimize payroll. This is defined on the worksheet as Payroll.								Trial version I are sent to th	
Rema	rks							address.	
This is an example of a simple, but classic personnel scheduling problem. Hospitals,									

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