							99999
						"	
	Models: Collegiare => X1 Mm: => Xz.						一 の
							5
	limits: 5000 ft2 /week of Nylon						1
	1000/week of collegistes Sold 1700/week of Minis Sold						0
	1200/week of Minis Sold						•
	Particles: Makerals Labour Unit Prafit						*
	Toduction: Majoras		Labour	9000			*
	X	362	do min	14			*
							,
	Product Makriels Production Limits						-
		X, —	(per tint)	Xz			
	Nylen	3H2		62	5000 A 2	(1)	-6
	Labour	0.7540		.667 hrs	1400 ha		-6
	Presit per	\$ 32	#	24			1
	batch				134		1
	Conditions: : Max Z = 32X1 + 24X2						1
	3X1 + ZX2 & 8000						1
	0.75 X1 + 0.667 X2 \$ 1000						
	X, \le 1000						1
	/ / 17.00						
	The state of the s						
	a) Decision Variables: X1) X2 which are collegiate 3 Mm						
	a) Decision Variables: X_1 ; X_2 which we collegiste B . Min backer respectively. b) Objective function: Maximize profit which is $Z = 32X_1 + 24X_2$ Such That (S,T) : Constraints: $3X_1 + 2X_2 \le 6000$; $X_1 \ge 0$ LP formalism: $0.75X_1 + 0.667X_2 \le 1400$; $X_2 \ge 0$ $X_1 \le 1000$ $X_2 \le 1200$						
	Dobrecus Con Marking Co 11 4 7 = 32 X 1 21 X						16
	Such That (57).						=
	Constraints: 3X, +2 X, < 5000 : X.>0						5
	LP formalation: 0.75 X1 + 0.667 X2 < 1400 : X > 0						16
		X,	€ 1000	and the same of th)		5
		Xz	£ 1200				5