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'Iam aware that any grade and a discipling reparding online exams. date as stated in the Engineering website.'	l give per e Clarifia	igation lacce mission forth cation Text p	e processing	and regulations of my personal faculty of
1. Wild West produces two t	types of co	suboy hots.	A type 1 hat	requires three
times as much labor tim	ne as atu	pe 2. If the	all available	labor time
Type 2 hats a day. Th	alone, H emorket	ne company limits for the	can produce z two types o	a total <u>#450</u> are 100 and
300 hats per day far and \$5 per Type 2,p would maximize profit	lype 1 and Determine	Type 2, respect the number of	tively. The pro of hosts of ec	ift is \$8 per Type' ach typethat
1. Build the mather		odel of the p	neblen	
ii. Solve the problem				
Inswer:				
) X1: number of hots proc	luced Type	1 T=	labor time	,
X2: number of hosts prod	luced Type	. 2	3T. X1+T.X2	≤ 450.T

 $max = 8.x_1 + 5.x_2$ - 3X1+X2 650

S.t. 3X1+X2 < 450 € X1 4 100 X2 < 300 $X_1, X_2 \ge 0$

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