Simplex Algorithm - S	imple Tableau ex.
max 3x1 + 2x2 + 3x3	
$50b$ to: $-n_1 - 2n_2 - 3n_3$	$3 \leqslant 5$ $3 \leqslant 3$ with $x_1, x_2, x_3 \geqslant 0$
- 7c1 - 7c2 + 7c	. < 1
· Verify it is basic feasible (with all x; set to 0, equation is valid): It is	
· Create slack variables (one per equation):	
$x_4 = 5 + x_1 + 2x_2 + 3x_3$ $x_5 = 3 - 2x_1 - x_2 - x_3$	
$n_6 = 1 + n_1 + n_2 - n_3$	
Create tableau based on - 22 - 323 + 24 -	
$2x_1 + x_2 + x_3 + x_5 =$	
basic (equation to maximize has inverted coefficients because magic)	
basic (equation o victorinize vide invertible χ_1 χ_2 χ_3 χ_4 χ_5 χ_5 χ_6 χ_7 χ_8	O O
(basic variables α_4 -1 -2 -3 1 0 are originally set to be the α_5 2 1 1 0 1	The state of the s
Skick variables) 26 -1 - 1 0 0) 1 Line 3
. Pick a positive variable (meaning increasing its value in an equation	
to its value) where said variable	is neg. in obj function
• Here available values are 20	
o Ve see using ser, it was	uld be difficult to
(we would need to di	/ · · · · · · · · · · · · · · · · · · ·
(we would need to divide Lz by 2 before doing our pivot, creating halves basically everywhere).	
Here, wing no seems ea	equation (of next step)

