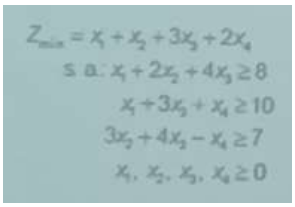


Maximizar Z = 8y1+10y2+7y3 Z-8y1-10y2-7y3=0

Restricciones:

1y1+1y2+3y3<=1 1y1+1y2+3y3+s1=1

2y1+3y3<=1 2y1+3y3+s2=1

4y1+3y2+4y3<=3 4y1+3y2+4y3+s3=3

1y2-1y3<=2 1y2-1y3+s4=2

	z	y1	y2	y3	s1	s2	s3	s4	R		
z	1	-8	-10	-7	0	0	0	0	0		
s1	0	1	1	3	1	0	0	0	1		1
s2	0	2	0	3	0	1	0	0	1	#¡DIV/0!	
s3	0	4	3	4	0	0	1	0	3		1
s4	0	0	1	-1	0	0	0	1	2		2

	z	y1	y2	y3	s1	s2	s3	s4	R
z	1	2	0	23	10	0	0	0	10
y2	0	1	1	3	1	0	0	0	1
s2	0	2	0	3	0	1	0	0	1
s3	0	1	0	-5	-3	0	1	0	0
s4	0	-1	0	-4	-1	0	0	1	1

z = 10

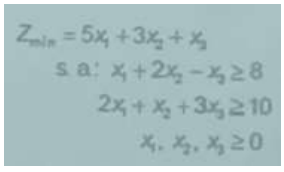
y2=1

Si utilizamos el otro valor

0	z	y1	y2	y3	s1	s2	s3	s4	R		
z	1	-8	-10	-7	0	0	0	0	0		
s1	0	1	1	3	1	0	0	0	1		1
s2	0	2	0	3	0	1	0	0	1	#¡DIV/0!	
s3	0	4	3	4	0	0	1	0	3		1
s4	0	0	1	-1	0	0	0	1	2		2

0	z	y1	y2	y3	s1	s2	s3	s4	R
z	1	-8	-10	-7	0	0	0	0	0
s1	0	1	1	3	1	0	0	0	1
s2	0	2	0	3	0	1	0	0	1
s3	0	1 1/3	1	1 1/3	0	0	1/3	0	1
s4	0	0	1	-1	0	0	0	1	2

0	z	y1	y2	y3	s1	s2	s3	s4	R
z	1	5 1/3	0	6 1/3	0	0	3 1/3	0	10
s1	0	- 1/3	0	1 2/3	1	0	- 1/3	0	0
s2	0	2	0	3	0	1	0	0	1
y2	0	1 1/3	1	1 1/3	0	0	1/3	0	1
s4	0	-1 1/3	0	-2 1/3	0	0	- 1/3	1	1



Max Z=8y1+10y2 Z-8y1-10y2=0

1y1+2y2<=5 1y1+2y2+s1=5

2y1+1y2<=3 2y1+1y2+s2=3

-1y1+3y2<=1 -1y1+3y2+s3<=1

	0 z	y1	y2	s1	s2	s3	R	
z	1	-8	-10	0	0	0	0	
s1	0	1	2	1	0	0	5	2 1/2
s2	0	2	1	0	1	0	3	3
s3	0	-1	3	0	0	1	1	1/3

	0 z	y1	y2	s1	s2	s3	R	
z	1	-11 1/3	0	0	0	3 1/3	3 1/3	
s1	0	1 2/3	0	1	0	- 2/3	4 1/3	2 3/5
s2	0	2 1/3	0	0	1	- 1/3	2 2/3	1 1/7
y2	0	- 1/3	1	0	0	1/3	1/3	-1

	0 z	y1	y2	s1	s2	s3	R
z	1	0	0	0	4 6/7	1 5/7	16 2/7
s1	0	0	0	1	- 5/7	- 3/7	2 3/7
y1	0	1	0	0	3/7	- 1/7	1 1/7
y2	0	0	1	0	1/7	2/7	5/7

z= 16 2/7
y2=5/7
y1=1 1/7