REPORTE MÉTODO SIMPLEX

Función Objetivo: Max Z = 1X1 + 1X2 + 1X3

S.R:

5X1+6X2+4X3<=232

8X1+5X2+6X3<=300

9X1+8X2+12X3<=720

X1<=0; X2<=0; X3<=0;

La solución óptima es Z = 52

$$X1 = 0$$
, $X2 = 12$, $X3 = 40$, $X4 = 0$, $X5 = 0$, $X6 = 144$,

	CJ	1	1	1	0	0	0	
СВ	ХВ	X1	X2	Х3	X4	X5	X6	BI
0	X4	5	6	4	1	0	0	232
0	X5	8	5	6	0	1	0	300
0	X6	9	8	12	0	0	1	720
	ZJ	0	0	0	0	0	0	0
	ZJ-CJ	1	1	1	0	0	0	

	CJ	1	1	1	0	0	0	
СВ	ХВ	X1	X2	Х3	X4	X5	X6	BI
0	X4	0	23/8	1/4	1	-5/8	0	89/2
1	X1	1	5/8	3/4	0	1/8	0	75/2
0	X6	0	19/8	21/4	0	-9/8	1	765/2
	ZJ	1	5/8	3/4	0	1/8	0	75/2
	ZJ-CJ	0	3/8	1/4	0	-1/8	0	

	CJ	1	1	1	0	0	0	
СВ	ХВ	X1	X2	Х3	X4	X5	X6	BI
1	X2	0	1	2/23	8/23	-5/23	0	356/23
1	X1	1	0	16/23	-5/23	6/23	0	640/23
0	X6	0	0	116/23	-19/23	-14/23	1	7952/23
	ZJ	1	1	18/23	3/23	1/23	0	996/23
	ZJ-CJ	0	0	5/23	-3/23	-1/23	0	

	CJ	1	1	1	0	0	0	
СВ	ХВ	X1	X2	Х3	X4	X5	X6	BI
1	X2	-1/8	1	0	3/8	-1/4	0	12
1	Х3	23/16	0	1	-5/16	3/8	0	40
0	X6	-29/4	0	0	3/4	-5/2	1	144
	ZJ	21/16	1	1	1/16	1/8	0	52
	ZJ-CJ	-5/16	0	0	-1/16	-1/8	0	