

LP OPTIMUM FOUND AT STEP 3

OBJECTIVE FUNCTION VALUE
1) 466.6667

VARIABLE	VALUE	REDUCED COST
X1	66.666664	0.000000
X2	0.000000	4.257576
X3	33.333332	0.000000
X4	0.000000	1.539394
X5	0.000000	1.636364

ROW	SLACK OR SURPLUS	DUAL PRICES
2)	0.000000	3.636364
3)	0.000000	0.303030
4)	3.333333	0.000000

NO. ITERATIONS= 3

RANGES IN WHICH THE BASIS IS UNCHANGED:

VARIABLE	CURRENT COEF	OBJ COEFFICIENT RANGES	
		ALLOWABLE INCREASE	ALLOWABLE DECREASE
X1	5.000000	4.500000	1.000000
X2	-0.500000	4.257576	INFINITY
X3	4.000000	1.000000	1.200000
X4	2.400000	1.539394	INFINITY
X5	2.000000	1.636364	INFINITY

ROW	CURRENT RHS	RIGHTHAND SIDE RANGES	
		ALLOWABLE INCREASE	ALLOWABLE DECREASE
2	100.000000	5.238095	24.444443
3	340.000000	10.999999	219.999985
4	170.000000	INFINITY	3.333333