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LINGO/WIN64 19.0.24 (26 Oct 2020), LINDO API 13.0.4099.232

Licensee info: Eval Use Only
License expires: 10 MAY 2021

Global optimal solution found.
Objective value:                              9308000.
Objective bound:                              9308000.
Infeasibilities:                              0.000000
Extended solver steps:                               0
Total solver iterations:                             9
Elapsed runtime seconds:                          1.32

Model Class:                                      PILP

Total variables:                   12
Nonlinear variables:                0
Integer variables:                 12

Total constraints:                 33
Nonlinear constraints:              0

Total nonzeros:                    60
Nonlinear nonzeros:                 0


                     Variable           Value        Reduced Cost
                          X12        8.000000         -198000.0
                          X13        8.000000         -134000.0
                          X14        2.000000         -114000.0
                          X21        8.000000         -198000.0
                          X23        1.000000         -160000.0
                          X24        7.000000         -200000.0
                          X31        8.000000         -134000.0
                          X32        3.000000         -160000.0
                          X34        1.000000         -118000.0
                          X41        4.000000         -114000.0
                          X42        4.000000         -200000.0
                          X43        3.000000         -118000.0

                          Row   Slack or Surplus        Dual Price
                            1        9308000.          1.000000
                            2        0.000000          0.000000
                            3        0.000000          0.000000
                            4        5.000000          0.000000
                            5        0.000000          0.000000
                            6        0.000000          0.000000
                            7        0.000000          0.000000
                            8        0.000000          0.000000
                            9        0.000000          0.000000
                           10        7.000000          0.000000
                           11        7.000000          0.000000
                           12        7.000000          0.000000
                           13        3.000000          0.000000
                           14        7.000000          0.000000
                           15        0.000000          0.000000
                           16        2.000000          0.000000
                           17        3.000000          0.000000
                           18        1.000000          0.000000
                           19        6.000000          0.000000
                           20        0.000000          0.000000
                           21        2.000000          0.000000
                           22        0.000000          0.000000
                           23        0.000000          0.000000
                           24        0.000000          0.000000
                           25        4.000000          0.000000
                           26        0.000000          0.000000
```

27	7.000000	0.000000
28	5.000000	0.000000
29	4.000000	0.000000
30	6.000000	0.000000
31	1.000000	0.000000
32	7.000000	0.000000
33	5.000000	0.000000