```
LP OPTIMUM FOUND AT STEP     4
OBJECTIVE VALUE =  0.156499994E+10

FIX ALL VARS.(    1)  WITH RC >  0.000000E+00

NEW INTEGER SOLUTION OF   0.156499994E+10 AT BRANCH     0 PIVOT     4
BOUND ON OPTIMUM: 0.1565000E+10
ENUMERATION COMPLETE. BRANCHES=     0 PIVOTS=     4

LAST INTEGER SOLUTION IS THE BEST FOUND
RE-INSTALLING BEST SOLUTION...

     OBJECTIVE FUNCTION VALUE

   1)    0.1565000E+10

 VARIABLE       VALUE          REDUCED COST
    X4       1.000000   -5000000.000000
    X1     400.000000        0.000000
    X2     200.000000        0.000000
    X3     300.000000        0.000000


    ROW   SLACK OR SURPLUS     DUAL PRICES
    2)      100.000000         0.000000
    3)        0.000000   4500000.000000
    4)        0.000000    100000.000000
    5)        0.000000   2000000.000000

NO. ITERATIONS=      4
BRANCHES=    0 DETERM.=  1.000E    0
```