SMALL EXAMPLES TO RUN: 12

Ex1:

LP\_generator(2, 2, 3);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

4 iterations, objective 112.72001

Ex2:

LP\_generator(2, 3, 2);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

6 iterations, objective 1537.875926

Ex3;

LP\_generator(3, 2, 2);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

4 iterations, objective 726.1537341

Ex4;

LP\_generator(2, 1, 6);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

4 iterations, objective 1071.904762

Ex5;

LP\_generator(1, 2, 6);

MINOS 5.51: optimal solution found.

12 iterations, objective 756.3266351

Ex6;

LP\_generator(6, 2, 1);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

3 iterations, objective 256.7698413

Ex7;

LP\_generator(6, 1, 2);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

2 iterations, objective 192.2352941

Ex8;

LP\_generator(1, 6, 2);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

12 iterations, objective 558.207648

Ex9:

LP\_generator(2, 6, 1);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

5 iterations, objective 761.0491304

Ex10:

LP\_generator(3, 4, 1);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

3 iterations, objective 1614.108877

Ex11:

LP\_generator(1, 4, 3);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

12 iterations, objective 573.8932805

Ex12:

LP\_generator(3, 1, 4);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

4 iterations, objective 3167.75

Ex13:

LP\_generator(4,1, 3);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

3 iterations, objective 462.25

MEDIUM EXAMPLES TO RUN: 32

Ex15:

LP\_generator(2, 2, 4);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

9 iterations, objective 4296.07756

Ex16:

LP\_generator(2, 4, 2);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

8 iterations, objective 755.1998544

Ex17:

LP\_generator(4, 2, 2);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

5 iterations, objective 414.5570063

Ex18:

LP\_generator(2, 2, 8);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

17 iterations, objective 701.2242679

Ex19:

LP\_generator(8, 2, 2);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

5 iterations, objective 1536.472222

Ex20:

LP\_generator(2, 8, 2);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

15 iterations, objective 1766.293725

Ex21:

LP\_generator(4, 2, 4);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

9 iterations, objective 1522.331002

Ex22:

LP\_generator(4, 4, 2);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

9 iterations, objective 4929.791472

Ex23:

LP\_generator(2, 4, 4);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

14 iterations, objective 1268.264957

Ex24:

LP\_generator(1, 2, 16);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

32 iterations, objective 1730.539007

Ex25:

LP\_generator(16, 1, 2);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

2 iterations, objective 1155.571429

Ex26:

LP\_generator(1, 4, 8);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

32 iterations, objective 1815.44874

Ex27:

LP\_generator(4, 8, 1);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

9 iterations, objective 2186.904157

Ex28:

LP\_generator(8, 1,4);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

5 iterations, objective 684.4635294

LARGE EXAMPLES TO RUN: 52

Ex29:

LP\_generator(2, 2, 13);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

27 iterations, objective 1052.531552

Ex30:

LP\_generator(2, 13, 2);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

27 iterations, objective 8413.924858

Ex31:

LP\_generator(13, 2, 2);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

5 iterations, objective 10900.5

Ex32:

LP\_generator(2, 26, 1);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

25 iterations, objective 647.6660093

Ex33:

LP\_generator(1, 26, 2);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

39 iterations, objective 8003.991628

Ex34:

LP\_generator(2, 1, 26);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

26 iterations, objective 1133.478261

Ex35:

LP\_generator(1, 2, 26);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

52 iterations, objective 21116.8913

Ex36:

LP\_generator(26, 1, 2);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

3 iterations, objective 864

Ex37:

LP\_generator(26, 2, 1);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

2 iterations, objective 1417.2

Ex38:

LP\_generator(1, 4, 13);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

51 iterations, objective 3328.225227

Ex39:

LP\_generator(4, 1, 13);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

16 iterations, objective 9464.476923

Ex40:

LP\_generator(1, 13, 4);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

52 iterations, objective 3817.761583

Ex41:

LP\_generator(4, 13, 1);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

19 iterations, objective 1755.960316

Ex42:

LP\_generator(13, 1,4);

solve time: 0.00000000000000000000

MINOS 5.51: optimal solution found.

5 iterations, objective 1624.797917