PB. 32 - SOLUZIONE

x_{ij}, $i = A, B$; $j = 1,2,3,4$ = N° CONFEZIONI FARMACO i PRODOTTE MESE j

y_{ij} = MAGAZZINO FARMACO i NEL MESE j

min z

$$z = 0.5(y_{A1} + y_{B1}) + 0.6(y_{A2} + y_{B2}) + 0.3(y_{A3} + y_{B3}) + 0.4(y_{A4} + y_{B4})$$

s.v.

$$125 + x_{A1} - 1500 \geq 1000$$
$$y_{A1} + x_{A2} - 1000 \geq 1000 + y_{A2}$$
$$y_{A2} + x_{A3} - 1000 \geq 1000 + y_{A3}$$
$$y_{A3} + x_{A4} - 1250 \geq 1000 + y_{A4}$$

$$150 + x_{B1} - 1000 \geq 1000$$
$$y_{B1} + x_{B2} - 3000 \geq 1000 + y_{B2}$$
$$y_{B2} + x_{B3} - 3000 \geq 1000 + y_{B3}$$
$$y_{B3} + x_{B4} - 3500 \geq 1000 + y_{B4}$$

$$2x_{A1} + 3x_{B1} \leq 350$$
$$2x_{A2} + 3x_{B2} \leq 350$$
$$2x_{A3} + 3x_{B3} \leq 300$$
$$2x_{A4} + 3x_{B4} \leq 280$$

$x_{ij}, y_{ij} \geq 0$, INTERE