let xj = The number of full-time worker in regular shift

letyj = The number of part-time norther in regular daft

Z = 112 (x1+72+X5+X4) + 48(y+y2+y2+y4+) [minimum - coeting]

Subject to: 8 an- noon

Num-4pm

4pm - 8pm

8= 1126 X1+X6+X6+X4)+ 68(4)+ 42+43+7 412)

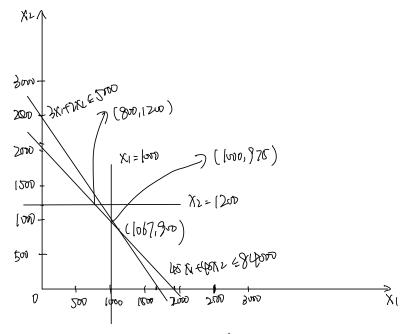
Subject to:

moon- 4pm

8pm-midnight X4+44+ > b

X1741 X2742 X3743 X4744 X2,4320

2. Max = 32x1+24x2



Z1 = 800 x32+ 1200 x24 = 54400

SO OPTHUM DOINTS X=1000 X2-875 Z= 55400