

hw10

```
#x1=the number of people to shift1 #x2=the number of people to shift2 #x3=the number of people to shift3
#x4=the number of people to shift4 #x5=the number of people to shift5 #x6=the number of people to shift6
#x7=the number of people to shift7 #Min=775x1+800x2+800x3+800x4+800x5+775x6+750x7 #workers
required each day: #0x1+1x2+1x3+1x4+1x5+1x6+0x7>=18 #0x1+0x2+1x3+1x4+1x5+1x6+1x7>=27
#1x1+0x2+0x3+1x4+1x5+1x6+1x7>=22 #1x1+1x2+0x3+0x4+1x5+1x6+1x7>=26 #1x1+1x2+1x3+0x4+0x5+1x6+1x7
#1x1+1x2+1x3+1x4+0x5+0x6+1x7>=21 #1x1+1x2+1x3+1x4+1x5+0x6+0x7>=19

library(lpSolveAPI) x <- read.lp("C:/Users/Administrator/Desktop/hw.lp") set.type(x,1:7,type='integer')
solve(x) get.objective(x) get.variables(x)
```