Optimization Techniques

>prod.sol1<-lp("max",obj.fun,constr,constr.dir,int.vec = 1:2,rhs,compute.sens = TRUE)

obj1.fun<-c(4,4)

> constr1<-matrix(c(5,5,0,1,1,0),ncol = 2,byrow = TRUE)

> constr1.dir<-c("<=","<=","<=")

> rhs1<-c(25,4,3)

> library(lpSolve)

> sol<-lp("max",obj1.fun,constr1,constr1.dir,rhs1,compute.sens = TRUE)

> sol

Success: the objective function is 20

> sol$solution

[1] 3 2

>