

```

1 u <- c(2,-6,0)
2 A <- rbind( c(-1,-1,-1),c(2,-1,1) )
3 dir <- rep("<=",2)
4 b <- c(-2,1)
5 o <- lp(direction = "max", objective.in = u, const.mat = A, const.dir = dir, const.rhs = b,all.int = T)
6 o$solution
7
8 u <- c(-1,-1)
9 A <- rbind( c(-1,-2),c(-1,2),c(1,7) )
10 dir <- rep("<=",3)
11 b <- c(-3,4,6)
12 o <- lp(direction = "max", objective.in = u, const.mat = A, const.dir = dir, const.rhs = b,all.int = T)
13 o$solution
14

```

```
> o$solution
```

```
[1] 1 1 0
```

```
>
```

```
> u <- c(-1,-
```

```
> A <- rbind(
```

```
> dir <- rep(
```

```
> b <- c(-3,4
```

```
> o <- lp(dir
```

```
> o$solution
```

```
[1] 3 0
```

```
< |
```