```
# Assignment Problem
#        JOB1   JOB2   JOB3
#W1     15       10       9
#W2      9       15      10
#W3     10       12       8

# Import lpSolve package
library(lpSolve)

# Set assignment costs matrix
costs <- matrix(c(15, 10, 9, 9, 15, 10, 10, 12 ,8), nrow = 3, byrow = TRUE)

# Print assignment costs matrix
costs

# Final value (z)
lp.assign(costs)

# Variables final values
lp.assign(costs)$solution
```

```
     [,1] [,2] [,3]
[1,]   15   10    9
[2,]    9   15   10
[3,]   10   12    8
Success: the objective function is 27
     [,1] [,2] [,3]
[1,]    0    1    0
[2,]    1    0    0
[3,]    0    0    1
```