**CODE:**

library(data.table)

item\_data <- data.table(item\_id=c(101,102,103,104),

item\_name=c('Fridge','TV','AC','OVEN'),

item\_qty=c(35,45,23,18),

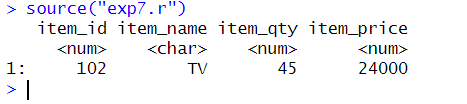
item\_price=c(18000,24000,40000,10000)

)

x=subset(item\_data,item\_qty>40)

print(x)

**OUTPUT:**

****

**CODE:**

library(data.table)

item\_data <- data.table(item\_id=c(101,102,103,104),

item\_name=c('Fridge','TV','AC','AC'),

item\_qty=c(35,45,23,18),

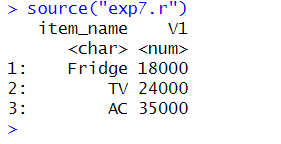
item\_price=c(18000,24000,40000,30000)

)

x=item\_data[,mean(item\_price),by=item\_name]

print(x)

**OUTPUT:**



**CODE:**

library(data.table)

item\_data1 <- data.table(item\_id=c(101,102,103,104),

item\_name=c('Fridge','TV','AC','Oven'),

item\_qty=c(35,45,23,18),

item\_price=c(18000,24000,40000,30000)

)

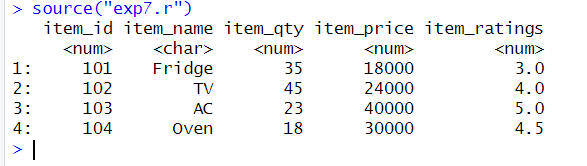
item\_data2 <- data.table(item\_name=c('Fridge','TV','AC','Oven'),

item\_ratings=c(3,4,5,4.5))

x=item\_data1[item\_data2,on="item\_name"]

print(x)

**OUTPUT:**



**CODE:**

library(data.table)

item\_data1 <- data.table(item\_id=c(101,102,103,104),

item\_name=c('Fridge','TV','AC','Oven'),

item\_qty=c(35,45,23,18),

item\_price=c(18000,24000,40000,30000))

x=item\_data1[,total\_cost:=item\_qty\*item\_price]

print(x)

**OUTPUT:**

