Session-4-Assignment-1

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df1 = data.frame(CustId = c(1:6), Product = c(rep("TV", 3), rep("Radio", 3)))  
df2 = data.frame(CustId = c(2, 4, 6), State = c(rep("Texas", 2), rep("NYC", 1)))  
df1 #left table

## CustId Product  
## 1 1 TV  
## 2 2 TV  
## 3 3 TV  
## 4 4 Radio  
## 5 5 Radio  
## 6 6 Radio

df2 #right table

## CustId State  
## 1 2 Texas  
## 2 4 Texas  
## 3 6 NYC

# For the above given data frames and tables perform the following operations:  
# Q1. Return only the rows in which the left table have match  
match("match",df1)

## [1] NA

# Q2. Return all rows from both tables, join records from the left which have matching keys in the right table.  
df1 = data.frame(CustId = c(1:6), Product = c(rep("TV", 3), rep("Radio", 3)))  
df2 = data.frame(CustId = c(2, 4, 6), State = c(rep("Texas", 2), rep("NYC", 1)))  
DF <- merge(df1,df2)  
head(DF)

## CustId Product State  
## 1 2 TV Texas  
## 2 4 Radio Texas  
## 3 6 Radio NYC