**Assignment 4.1**

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

df2 #right table

For the above given data frames and tables perform the following operations:

1. Return only the rows in which the left table have match

Leftmatch1 = sqldf(select df1.CustID, df1.Product, df2.State

From df1

LEFT JOIN

df2

on df1.CustID = df2. CustID)

1. Return all rows from both tables, join records from the left which have matching keys in the right table.

Allin1 = sqldf(select df1.CustID, df1.Product, df2.State

From df1

OUTER JOIN

df2

on df1.CustID = df2. CustID)