Assignment 4.1

df1 = data.frame(CustId = c(1:6), Product = c(rep("TV",3), rep("Radio",3)))

> df1

CustId Product

1 1 TV

2 2 TV

3 3 TV

4 4 Radio

5 5 Radio

6 6 Radio

df2 = data.frame(CustId = c(2,4,6), Product = c(rep("Texas",2), rep("NYC",1)))

> df2

CustId Product

1 2 Texas

2 4 Texas

3 6 NYC

> library(dplyr)

Question No.1

> df1 %>% inner\_join(df2, by = "CustId")

CustId Product.x Product.y

1 2 TV Texas

2 4 Radio Texas

3 6 Radio NYC

Question No. 2

> df1 %>% full\_join(df2, by = "CustId")

CustId Product.x Product.y

1 1 TV <NA>

2 2 TV Texas

3 3 TV <NA>

4 4 Radio Texas

5 5 Radio <NA>

6 6 Radio NYC

OR

> df1 %>% left\_join(df2,by = "CustId")

CustId Product.x Product.y

1 1 TV <NA>

2 2 TV Texas

3 3 TV <NA>

4 4 Radio Texas

5 5 Radio <NA>

6 6 Radio NYC