Assignments for session on "FOUNDATIONAL R PROGRAMMING -II"

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

1. Return only the rows in which the left table have match
This is nothing but the inner join (2,4 & 6 are joined being the common key values)

df<-merge (x=df1, y=df2, by=" CustId ")
df

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

2. Return all rows from both tables, join records from the left which have matching keys in the
#right table.
This is nothing but the outer join (2,4 & 6 are joined being the common key values & rest appear
#as NA)

df<-merge (x=df1, y=df2, by="CustId", all = TRUE)
df

```
  CustId Product State
1      1      TV  <NA>
2      2      TV Texas
3      3      TV  <NA>
4      4   Radio Texas
5      5   Radio  <NA>
6      6   Radio   NYC
```