

SESSION 4 –ASSIGNMENT 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

```
> df=sqldf("select df1.custid,product from df1 inner join df2 where df1.custid=df2.custid")
```

```
> df
```

CustId Product

1 2 TV

2 4 Radio

3 6 Radio

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

```
> dfj=sqldf("select * from df1 inner join df2 where df1.custid=df2.custid")
```

```
> dfj
```

CustId Product CustId..3 State

1 2 TV 2 Texas

2 4 Radio 4 Texas

3 6 Radio 6 NYC