SESSION 5: Data Management Using R Assignment 2

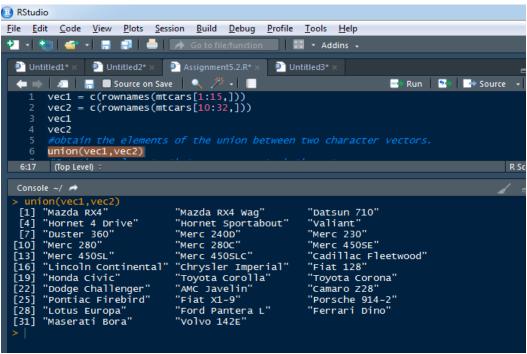
1. Obtain the elements of the union between two character vectors.

```
vec1 = c(rownames(mtcars[1:15,]))
vec2 = c(rownames(mtcars[10:32,]))
```

Answer:

union(vec1,vec2)

Output:



2. Get those elements that are common to both vectors

```
vec1 = c(rownames(mtcars[1:15,]))
vec2 = c(rownames(mtcars[10:32,]))
```

Answer:

intersect(vec1,vec2)

Output:

```
RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
🋂 이 😘 | 💣 이 🔡 🗿 | 🎍 | 🥟
                                             ■ Addins •
               Untitled2* ×
                            Assignment5.2.R* >
                                               Untitled3*
  🖛 📦 🔏 🔚 🖪 Source on Save 🔍 🎢 🗸 📳
                                                                  Run 😘 🕞 Source 🔻
       vec1 = c(rownames(mtcars[1:15,]))
       vec2 = c(rownames(mtcars[10:32,]))
       vec1
       vec2
       #Get those elements that are common to both vectors
    6 intersect(vec1,vec2)
   5:52 (Top Level) $
                                                                                       R Script
  Console ~/ →
  > intersect(vec1,vec2)
 [1] "Merc 280"
[4] "Merc 450SL"
                           "Merc 280C"
                                                 "Merc 4505E"
                           "Merc 450SLC"
                                                 "Cadillac Fleetwood"
```

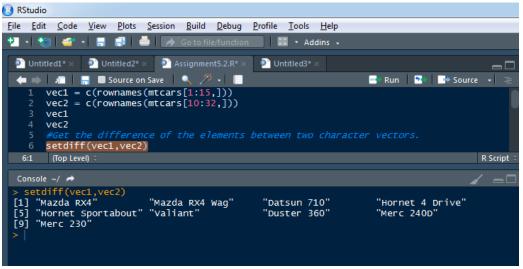
3. Get the difference of the elements between two character vectors.

```
vec1 = c(rownames(mtcars[1:15,]))
vec2 = c(rownames(mtcars[10:32,]))
```

Answer:

setdiff(vec1,vec2)

Output:



4. Test the equality of two character vectors

```
vec1 = c(rownames(mtcars[1:15,]))
vec2 = c(rownames(mtcars[11:25,]))
```

Answer:

setequal(vec1, vec2)

Output:

```
RStudio
File Edit Code View Plots Session
                                 Build Debug Profile
                                                    Tools Help
                                                ■ • Addins •
               Untitled2*>
                                                Untitled3*
  🖛 🧼 🔎 🔚 🖪 Source on Save 🗎 🥄 🥕 📲
                                                                    --→ Run | 🐪 | --→ Source 🕶
       vec1 = c(rownames(mtcars[1:15,]))
       vec2 = c(rownames(mtcars[11:25,]))
       vec1
       vec2
       setequal(vec1, vec2)
   6:1 (Top Level) ¢
                                                                                        R Script
   setequal(vec1, vec2)
  [1] FALSE
```