

### **Display built-in mtcars data**

**mtcars**

### **first 5 elements (head func.)**

**head(x,n)**

**head(mtcars,5)**

### **last 7 elements(tail func)**

**tail(x,n)**

**tail(mtcars,7)**

### **internal structure of dataset**

**str(mtcars)**

### **count rows and cols.**

**nrow(mtcars)**

**ncol(mtcars)**

### **fetch 1,3,5 col. Of dataset**

**mtcars[,c(1,3,5)]**

### **sum of cylinder,weight,gear**

**sum(mtcars\$cyl)**

**sum(mtcars\$wt)**

**sum(mtcars\$gear)**

**c(sum(mtcars\$cyl),sum(mtcars\$wt),sum(mtcars\$gear))**

**sapply(mtcars[,c(2,6,10)],sum)**

### **View dataset**

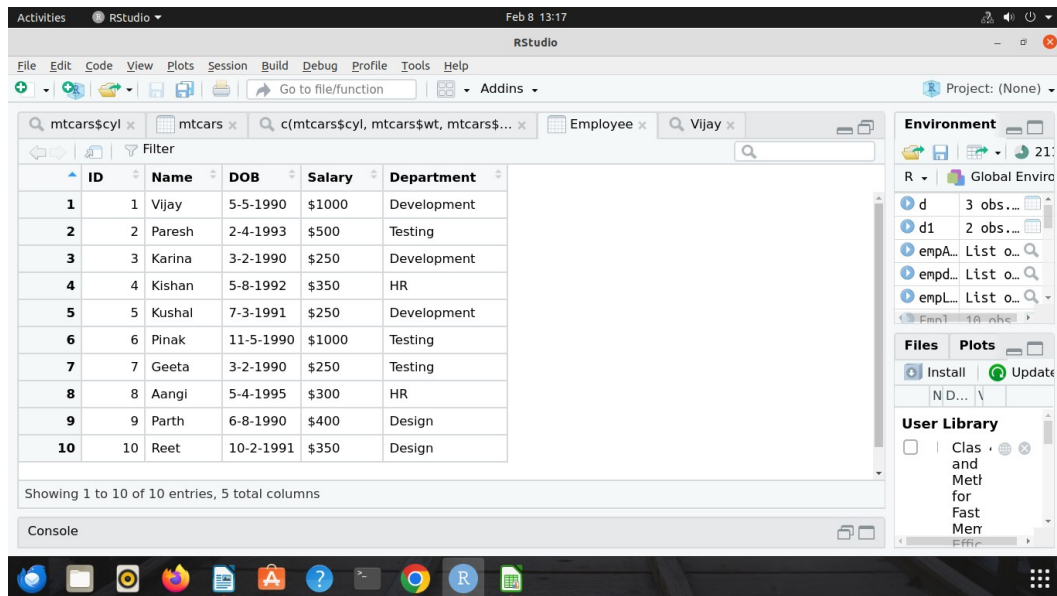
**View(mtcars)**

**sum of all col. of dataset**

**`sapply(mtcars,sum)`**

**max of all col. Of dataset**

**`sapply(mtcars,max)`**



The screenshot shows the RStudio interface with a table of employee data. The table has 10 rows and 5 columns: ID, Name, DOB, Salary, and Department. The data is as follows:

ID	Name	DOB	Salary	Department
1	Vijay	5-5-1990	\$1000	Development
2	Paresh	2-4-1993	\$500	Testing
3	Karina	3-2-1990	\$250	Development
4	Kishan	5-8-1992	\$350	HR
5	Kushal	7-3-1991	\$250	Development
6	Pinak	11-5-1990	\$1000	Testing
7	Geeta	3-2-1990	\$250	Testing
8	Aangi	5-4-1995	\$300	HR
9	Parth	6-8-1990	\$400	Design
10	Reet	10-2-1991	\$350	Design

**Display Name with p starting**

**`grep("^P",Employee$Name,value = TRUE)`**

**Display Name with 1-3 character of all**

**`substr(Employee$Name,1,3)`**

**Display first 4 data**

**`head(Employee,4)`**

**Remove \$ from salary**

**`Employee$Salary = gsub("\\$", " ",Employee$Salary)`**