

A. Implement user defined functions within apply function using the mtcars data set and produce column wise summary statistics using apply function and mtcars dataset.

Not Discussed in class.

B. write a program to extract the names of the list.

```
> tests.list[[1]]  
      1st 2nd 3rd 4th 5th 6th  
Daniel  12  4  5  6  9  3  
Jenny   5  4  2  4 12  9
```

In case list are named we can use the name of the component as an index.

```
> tests.nlist[["results"]]  
      1st 2nd 3rd 4th 5th 6th  
Daniel  12  4  5  6  9  3  
jenny   5  4  2  4 12  9
```