Session 4: Foundational R Programming-II

Assignment 3.4

1. Problem Statement

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.

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

2. Solution

```
ylist=(list(a=1,b=2,c="string1",d=list("r"=2,
"z"="string2")))
for(i in 1:length(mylist)){
tempobj=mylist[[i]]
##now create a new variable with the
original name of the list item
eval(parse(text=paste(names(mylist)[[i]],"=
tempobj")))
}
> print(a)
[1] 1
> print(b)
[1] 2
> print(c)
[1] "string1"
> print(d)
$r
[1] 2
$z
[1] "string2"
```