```
# import dplyr package library(dplyr)

# create a data frame  stats <- data.frame(cars=c('LAMBORGINI',
'Porsche', 'Lotus', 'Pagani'),                services=c(160, 250, 380, 76),
sales=c(20, 18, NA, 7))

# fetch required column data
select(stats, cars, sales) Output:
cars sales
1     LAMBORGINI    20
2     Porsche    18
3     Lotus    NA
4     Pagani     7

# import dplyr package library(dplyr)

# create a data frame  stats <- data.frame(cars=c('LAMBORGINI',
'Porsche', 'Lotus', 'Pagani'),
services=c(160, 250, 380, 76),
sales=c(20, 18, NA, 7))

# fetch required column data
filter(stats, sales>15) Output:
cars services sales 1
LAMBORGINI      160    20
2 Porsche      250    18
```

```
# import dplyr package library(dplyr)

# create a data frame  stats <- data.frame(cars=c('LAMBORGINI',
'Porsche', 'Lotus', 'Pagani'),              services=c(160, 250, 380, 76),
sales=c(20, 18, NA, 7))

# add required column data
mutate(stats, cotation=sales*4)
Output:  cars services sales
cotation
1    LAMBORGINI     160    20
     80
2    Porsche     250    18      72
3    Lotus     380    NA      NA
4    Pagani      76     7      28

# import dplyr package library(dplyr)

# create a data frame  stats <- data.frame(cars=c('LAMBORGINI',
'Porsche', 'Lotus', 'Pagani'),              services=c(160, 250, 380, 76),
sales=c(20, 18, NA, 7))

# ordered data based on runs arrange(stats,
sales) Output:
cars services sales
1    Pagani      76     7
```

2 Porsche 250 18

3 LAMBORGINI 160 20

4 Lotus 380 NA

```
# import dplyr package library(dplyr)

# create a data frame  stats <- data.frame(cars=c('LAMBORGINI',
'Porsche', 'Lotus', 'Pagani'),              services=c(160, 250, 380, 76),
sales=c(20, 18, NA, 7))

# summarize method  summarize(stats,
sum(services), mean(sales)) Output:
sum(services) mean(sales)
1          866          NA
# Load required library library(dplyr) #
Create a data frame data <- data.frame(x =
1:15, y = rnorm(15))
# Filter rows, mutate column, and summarize data using pipe
operator summary <- data %>%
  filter(x > 5) %>%   mutate(z = x +
y) %>%   summarize(mean_z = mean(z))
# Print summary print(summary)
```

Output: mean_z

12.39264