

dplyr Function	Description
select()	Selecting columns (variables)
filter()	Filter (subset) rows.
group_by()	Group the data
summarise()	Summarise (or aggregate) data
arrange()	Sort the data

Use this as reference to implement Dplyr package and use any inbuilt dataset built in R

Answer :

```
library(dplyr)

# Loading data
data(iris)

#first few rows of the dataset
head(iris)

result <- iris %>%
  select(Species, Sepal.Length, Petal.Length) %>%
  filter(Sepal.Length > 5.0) %>%
  group_by(Species) %>%
  summarise(mean_Sepal_Length = mean(Sepal.Length),
            mean_Petal_Length = mean(Petal.Length))
  arrange(mean_Sepal_Length)

print(result)
```

output :

	Sepal.Length	Sepal.Width	Petal.Length	Petal.Width	Species
1	5.1	3.5	1.4	0.2	setosa
2	4.9	3.0	1.4	0.2	setosa
3	4.7	3.2	1.3	0.2	setosa
4	4.6	3.1	1.5	0.2	setosa
5	5.0	3.6	1.4	0.2	setosa
6	5.4	3.9	1.7	0.4	setosa
Species	mean_Sepal_Length	mean_Petal_Length			

	<fct>	<dbl>	<dbl>
1	setosa	5.31	1.51
2	versicolor	6.00	4.32
3	virginica	6.62	5.57