5a.Perform a Mulitple Plot window for the following data set.Use scatterplot,boxplot barplot and histogram in different sections of window across any two variables.

```
Length<-c(20,21,22,23,21,20)
Speed<-c(12,14,12,16,20,21)
Algae<-c(40,45,45,80,75,65)
NO3<-c(2.25,2.15,1.75,1.95,1.95,2.75)
BOD<-c(200,180,135,120,110,120)
```

5B. Perform a Naïve Bayes procedure for the following dataset.Create a dataframe for the following dataset .Perform a Predict function for the following instance

SI.NO	**AGE**	**INCOME**	**STUDENT**	**Credit-Rating**	Class-Buys
1	**Youth**	**High**	**No**	**Fair**	No
2	**Youth**	**High**	**No**	**Excellent**	No
3	**Middle-Aged**	**High**	**No**	**Fair**	Yes
4	**Senior**	**Medium**	**No**	**Fair**	Yes
5	**Senior**	**Low**	**Yes**	**Fair**	Yes
6	**Senior**	**Low**	**Yes**	**Excellent**	No
7	**MiddleAged**	**Low**	**Yes**	**Excellent**	Yes
8.	**Youth**	**Medium**	**No**	**Fair**	No
9.	**Youth**	**Low**	**Yes**	**Fair**	Yes
10.	**Senior**	**Medium**	**Yes**	**Fair**	Yes
11	**Youth**	**Medium**	**Yes**	**Excellent**	Yes
12	**MiddleAged**	**Medium**	**No**	**Excellent**	Yes
13	**MiddleAged**	**High**	**Yes**	**Fair**	Yes
14	**Senior**	**Medium**	**No**	**Excellent**	No

Test the Data set

Senior , High , NO Fair

What is the prediction by the classifier.