1. Read the IRIS_Flower dataset into a dataframe
2. Write a program in python using Pandas Dataframe to generate the following results:

a. Total no. of data-points: _____
b. No. of classes: _____
c. Data Distribution:
_____ (classname1) : _____ (count1)
_____ (classname2) : _____ (count2)
...
...
d. No. of features: _____
e. Min_max of the features:
_____ (feature1) : _____ (min) : _____ (max)
_____ (feature2) : _____ (min) : _____ (max)
...
...
f. Mean & variance of the features:
_____ (feature1) : _____ (mean) : _____ (variance)
_____ (feature2) : _____ (mean) : _____ (variance)
...
...
g. Classwise min_max of each feature:
_____ (classname1):
_____ (feature1) : _____ (min) : _____ (max)
_____ (feature2) : _____ (min) : _____ (max)
...
...
_____ (classname2):
_____ (feature1) : _____ (min) : _____ (max)
_____ (feature2) : _____ (min) : _____ (max)
...
...
h. Classwise mean and variance of each feature:
_____ (classname1):
_____ (feature1) : _____ (mean) : _____ (variance)
_____ (feature2) : _____ (mean) : _____ (variance)
...
...
_____ (classname2):
_____ (feature1) : _____ (mean) : _____ (variance)
_____ (feature2) : _____ (mean) : _____ (variance)
...
...
i. Plot the values of each features using different colours for different classes
j. Randomly split this dataset into two seperate datasets containing 80% and 20% data points, and print their descriptions