Assignment 3 PART 2

```
import pandas as pd
import numpy as np
import seaborn as sb
import matplotlib.pyplot as plt
df=pd.read_csv('Iris.csv',index_col='Id')
df
data=df
data["Species"].value_counts()
data.rename(columns={"SepalLengthCm":"slength","SepalWidthCm":"swidth","Pe
talL
engthCm":"plength","PetalWidthCm":"pwidth"},inplace=True)
sum_data = data["slength"].sum()
mean_data = data["slength"].mean()
median_data = data["slength"].median()
print("sepal sum ", sum_data)
print("sepal mean",mean_data)
print("sepal median",median_data)
data.isnull()
data_satosa=data["Species"]=="Iris-setosa"
print("for setosa")
print(data[data_satosa].describe())
data_satosa=data["Species"]=="Iris-virginica"
print('for virginica')
print(data[data_satosa].describe())
print('for versicolor')
data_satosa=data["Species"]=='Iris-versicolor'
print(data[data_satosa].describe())
```