Pract10

```
import seaborn as sns
df =sns.load_dataset('iris')
Df

#1list down there features and tere types available in dataset df.columns

df.info()

#2Create histogram for each feature in the dataset
import matplotlib.pyplot as plt

fig, axes=plt.subplots(2,2,figsize = (16,9))
sns.histplot(df['sepal_length'], ax=axes[0,0])
sns.histplot(df['sepal_width'], ax=axes[0,1])
sns.histplot(df['petal_length'], ax=axes[1,0])
sns.histplot(df['petal_width'], ax=axes[1,1])


#sepal lenght is evenly distributed
# for sepal widht there is a normal distribution
#Leftsquad distribution strategy

#3Create a boxplot for each feature in the dataset:
import matplotlib.pyplot as plt
fig, axes=plt.subplots(2,2,figsize = (16,9))
sns.boxplot(y='sepal_length', x='species', data=df,ax=axes[0,0])
sns.boxplot(y='sepal_width', x='species', data=df,ax=axes[0,1])
sns.boxplot(y='petal_length', x='species', data=df,ax=axes[1,0])
sns.boxplot(y='petal_width', x='species', data=df,ax=axes[1,1])
```