In [1]:
```
import pandas as pd
import seaborn as sns
```

In [2]:
```
data=pd.read_csv(r"D:\College\TE\SEM-2\Practical\DSBDA\10\Iris.csv")
```

In [3]:
```
data.head()
```

Out[3]:

	Id	SepalLengthCm	SepalWidthCm	PetalLengthCm	PetalWidthCm	Species
0	1	5.1	3.5	1.4	0.2	Iris-setosa
1	2	4.9	3.0	1.4	0.2	Iris-setosa
2	3	4.7	3.2	1.3	0.2	Iris-setosa
3	4	4.6	3.1	1.5	0.2	Iris-setosa
4	5	5.0	3.6	1.4	0.2	Iris-setosa

In [4]:
```
data.describe()
```

Out[4]:

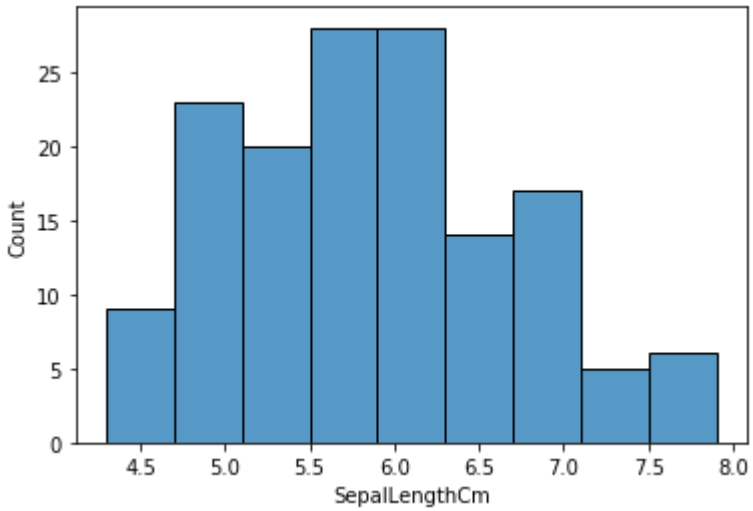
	Id	SepalLengthCm	SepalWidthCm	PetalLengthCm	PetalWidthCm
count	150.000000	150.000000	150.000000	150.000000	150.000000
mean	75.500000	5.843333	3.054000	3.758667	1.198667
std	43.445368	0.828066	0.433594	1.764420	0.763161
min	1.000000	4.300000	2.000000	1.000000	0.100000
25%	38.250000	5.100000	2.800000	1.600000	0.300000
50%	75.500000	5.800000	3.000000	4.350000	1.300000
75%	112.750000	6.400000	3.300000	5.100000	1.800000
max	150.000000	7.900000	4.400000	6.900000	2.500000

In [5]:
```
data.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 150 entries, 0 to 149
Data columns (total 6 columns):
Id               150 non-null int64
SepalLengthCm    150 non-null float64
SepalWidthCm     150 non-null float64
PetalLengthCm    150 non-null float64
PetalWidthCm     150 non-null float64
Species          150 non-null object
dtypes: float64(4), int64(1), object(1)
memory usage: 7.2+ KB
```

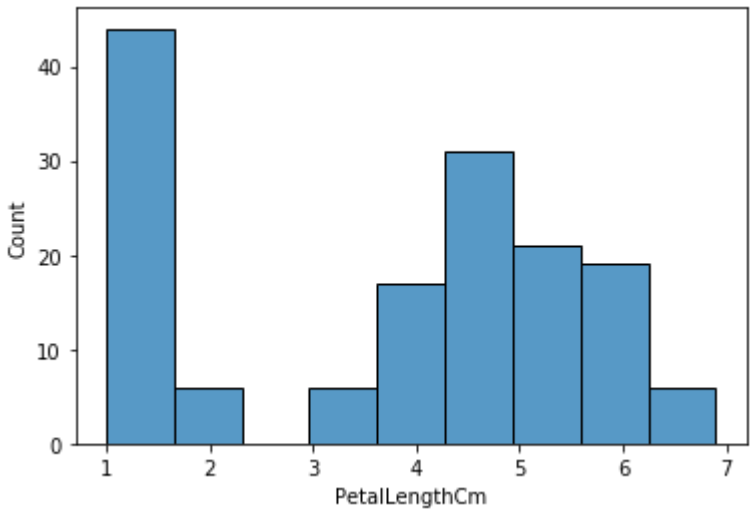
In [6]:
```
sns.histplot(data=data, x="SepalLengthCm")
```

Out[6]:
```
<matplotlib.axes._subplots.AxesSubplot at 0x2274e737808>
```



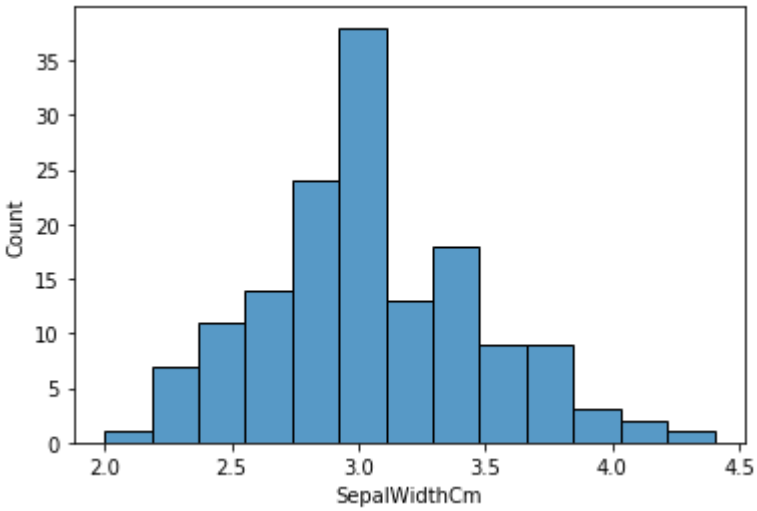
In [7]:
```
sns.histplot(data=data, x="PetalLengthCm")
```

Out[7]:
```
<matplotlib.axes._subplots.AxesSubplot at 0x2274eab8888>
```



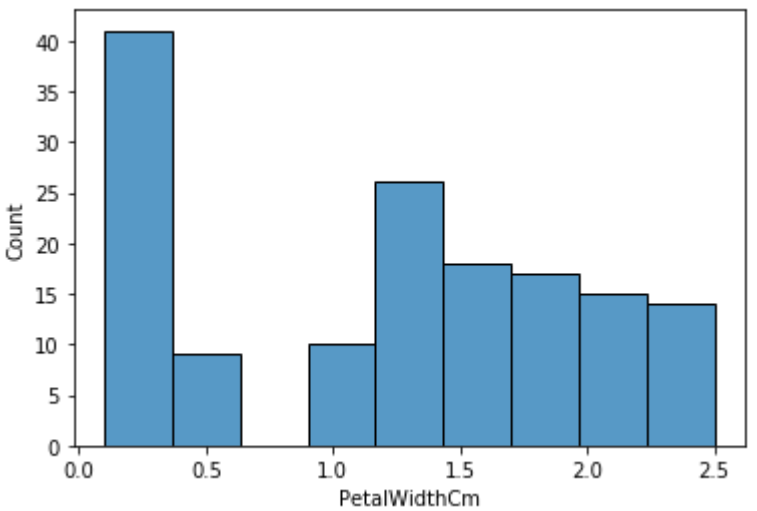
In [8]:
```
sns.histplot(data=data, x="SepalWidthCm")
```

Out[8]: <matplotlib.axes._subplots.AxesSubplot at 0x2274fb0c148>



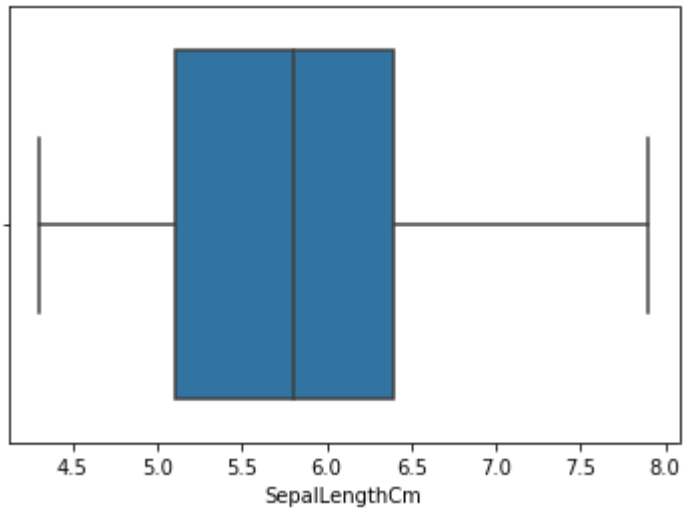
In [9]:
```
sns.histplot(data=data, x="PetalWidthCm")
```

Out[9]: <matplotlib.axes._subplots.AxesSubplot at 0x2274fbb9088>



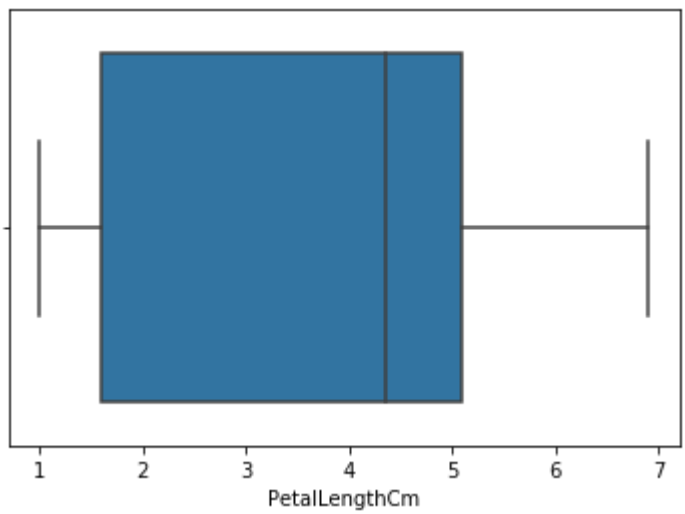
In [10]:
```
sns.boxplot(x="SepalLengthCm", data=data)
```

Out[10]: <matplotlib.axes._subplots.AxesSubplot at 0x2274fc47d88>



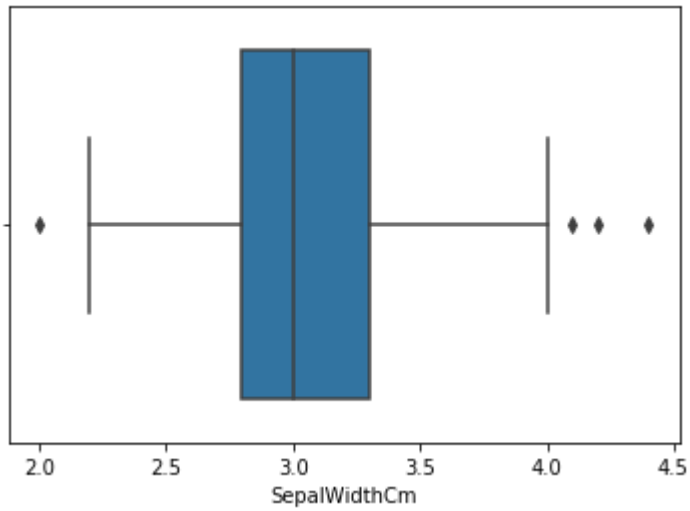
In [11]:
```
sns.boxplot(x="PetalLengthCm", data=data)
```

Out[11]: <matplotlib.axes._subplots.AxesSubplot at 0x2274fc977c8>



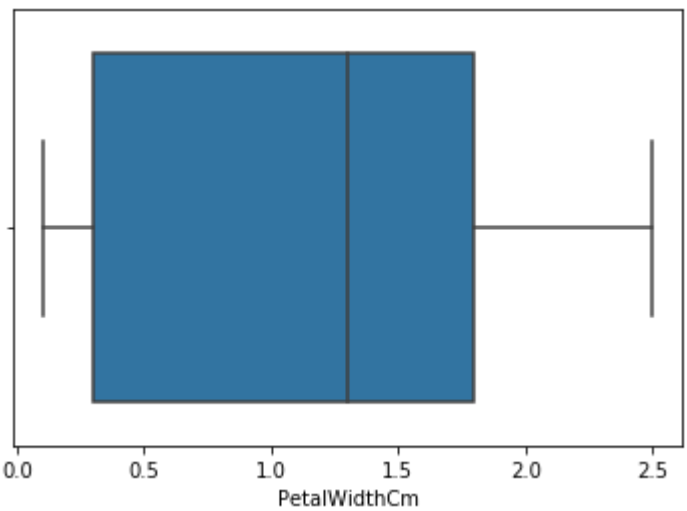
In [12]:
```
sns.boxplot(x="SepalWidthCm", data=data)
```

Out[12]: <matplotlib.axes._subplots.AxesSubplot at 0x2274fd2a3c8>



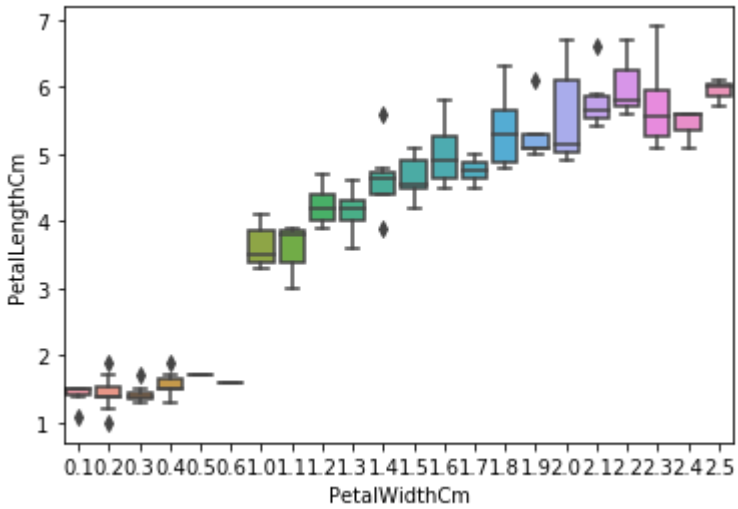
In [13]:
```
sns.boxplot(x="PetalWidthCm", data=data)
```

Out[13]: <matplotlib.axes._subplots.AxesSubplot at 0x2274fc58548>



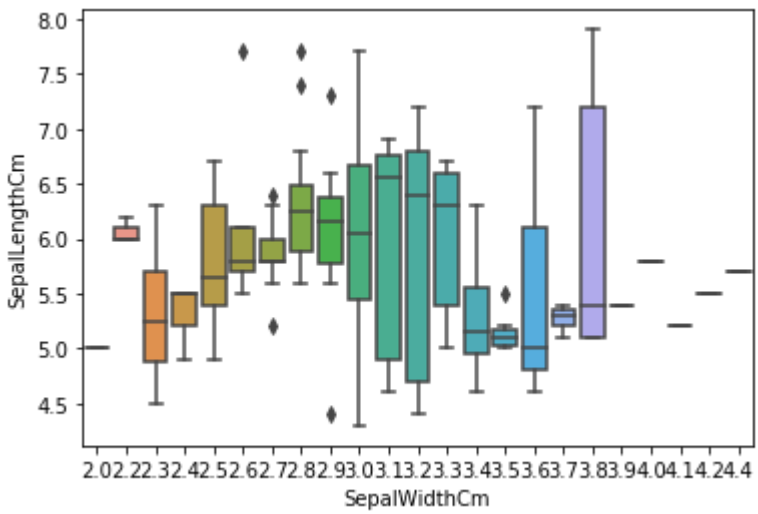
In [14]:
```
sns.boxplot(x="PetalWidthCm", y="PetalLengthCm", data=data)
```

Out[14]: <matplotlib.axes._subplots.AxesSubplot at 0x2274fdd4648>



In [15]:
```
sns.boxplot(x="SepalWidthCm", y="SepalLengthCm", data=data)
```

Out[15]: <matplotlib.axes._subplots.AxesSubplot at 0x2275004c188>



In [ ]: