In [2]:
```
import pandas as pd
import numpy as np
import seaborn as sns
import matplotlib.pyplot as plt
```

In [3]:
```
iris = pd.read_csv('Iris.csv')
```

In [4]:
```
iris
```

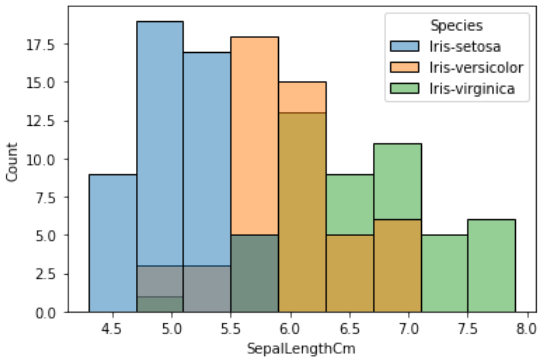
Out[4]:

	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
...	...	...	...	...	...	...
145	146	6.7	3.0	5.2	2.3	Iris-virginica
146	147	6.3	2.5	5.0	1.9	Iris-virginica
147	148	6.5	3.0	5.2	2.0	Iris-virginica
148	149	6.2	3.4	5.4	2.3	Iris-virginica
149	150	5.9	3.0	5.1	1.8	Iris-virginica

150 rows × 6 columns

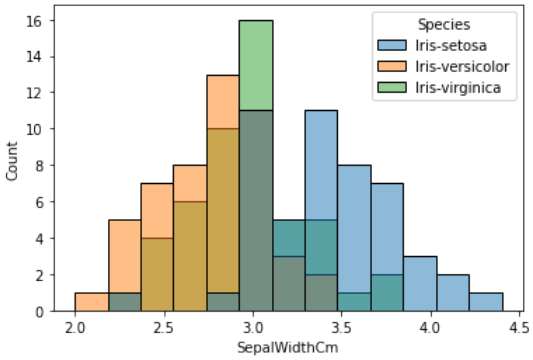
In [6]:
```
sns.histplot(x='SepalLengthCm',hue='Species',data=iris)
```

Out[6]:
```
<AxesSubplot:xlabel='SepalLengthCm', ylabel='Count'>
```



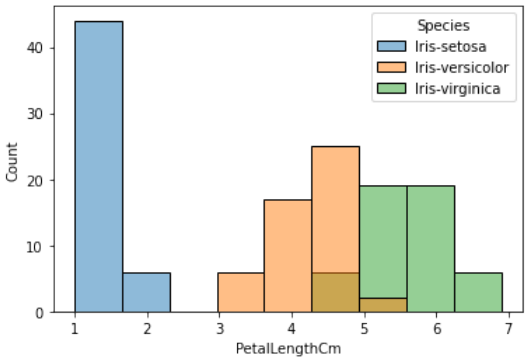
In [7]:
```
sns.histplot(x='SepalWidthCm',hue='Species',data=iris)
```

Out[7]:
```
<AxesSubplot:xlabel='SepalWidthCm', ylabel='Count'>
```



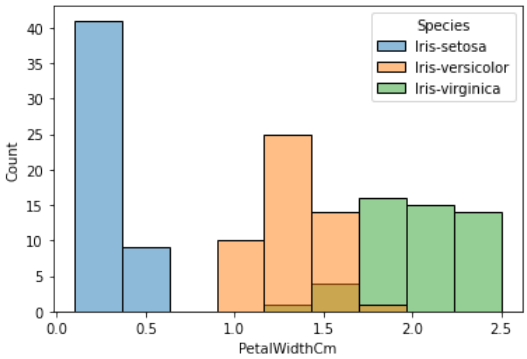
In [8]:
```
sns.histplot(x='PetalLengthCm',hue='Species',data=iris)
```

Out[8]: <AxesSubplot:xlabel='PetalLengthCm', ylabel='Count'>

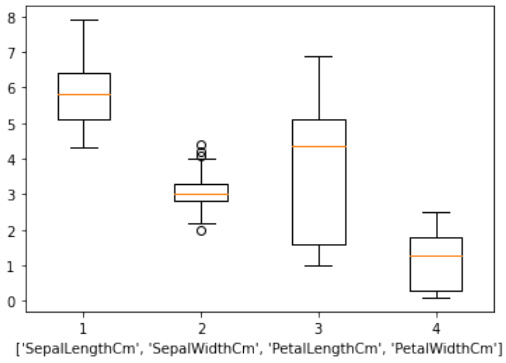


In [9]:
```
sns.histplot(x='PetalWidthCm',hue='Species',data=iris)
```

Out[9]: <AxesSubplot:xlabel='PetalWidthCm', ylabel='Count'>

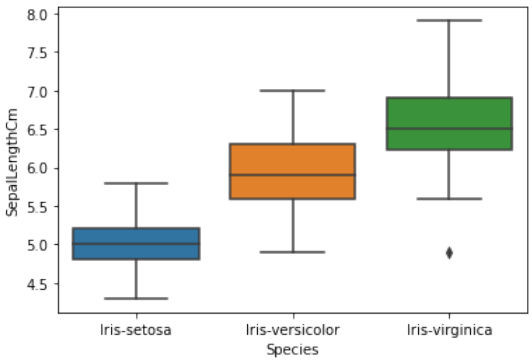


In [30]:
```
arr=['SepalLengthCm','SepalWidthCm','PetalLengthCm','PetalWidthCm']
plt.boxplot(iris[arr])
plt.xlabel(arr)
plt.show()
```



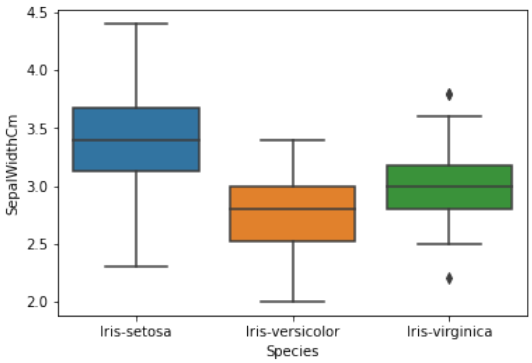
In [19]:
```
sns.boxplot(x='Species', y='SepalLengthCm',data=iris)
```

Out[19]: <AxesSubplot:xlabel='Species', ylabel='SepalLengthCm'>



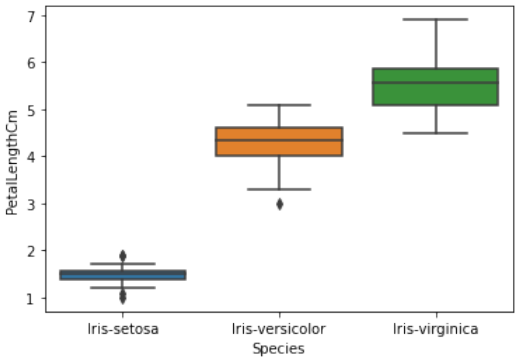
In [12]:
```
sns.boxplot(x='Species', y='SepalWidthCm',data=iris)
```

Out[12]: <AxesSubplot:xlabel='Species', ylabel='SepalWidthCm'>



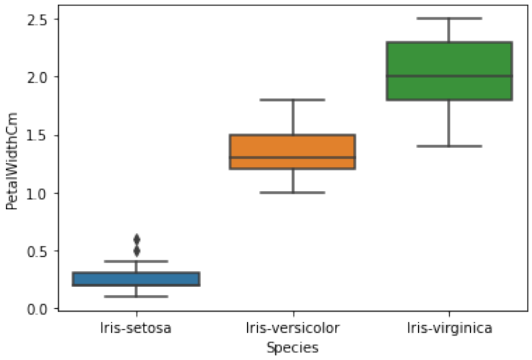
In [13]:
```
sns.boxplot(x='Species', y='PetalLengthCm',data=iris)
```

Out[13]: <AxesSubplot:xlabel='Species', ylabel='PetalLengthCm'>



In [14]:
```
sns.boxplot(x='Species', y='PetalWidthCm',data=iris)
```

Out[14]: <AxesSubplot:xlabel='Species', ylabel='PetalWidthCm'>



In [ ]: