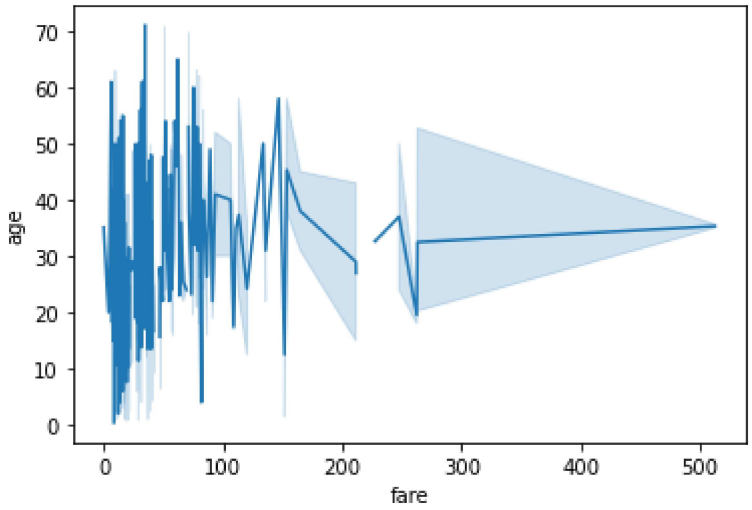
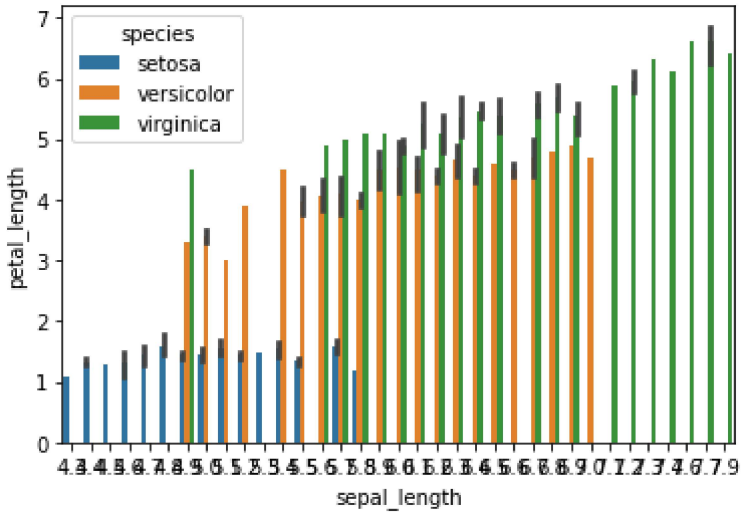
Line Plot

In [1]:
```
# Importing necessary Libraries
import seaborn as sns
import matplotlib.pyplot as plt
# Importing Required Dataset
titanic=sns.load_dataset("titanic")
# Line plot Command
sns.lineplot(x="fare", y="age", data=titanic)
plt.show()
```



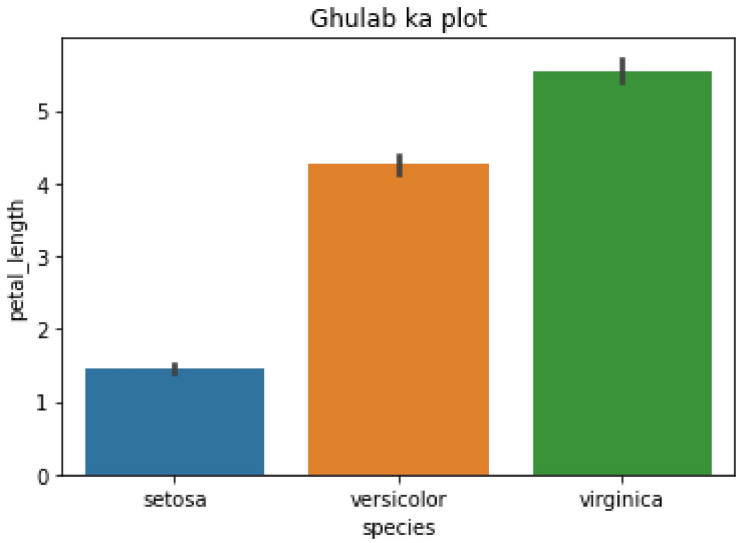
BarPlot

In [2]:
```
# Importing necessary Libraries
import seaborn as sns
import matplotlib.pyplot as plt
# Importing Required Dataset
ghulab=sns.load_dataset("iris")
# bar plot Command
sns.barplot(x="sepal_length", y="petal_length", hue="species", data=ghulab)
plt.show()
```



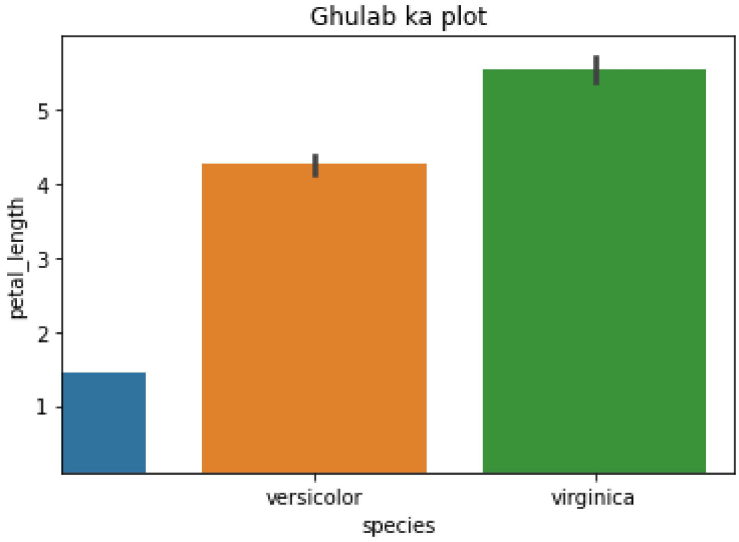
Adding Title

In [3]:
```
# Importing necessary Libraries
import seaborn as sns
import matplotlib.pyplot as plt
# Importing Required Dataset
ghulab=sns.load_dataset("iris")
# bar plot Command
sns.barplot(x="species", y="petal_length", data=ghulab)
plt.title("Ghulab ka plot")
plt.show()
```



Setting Limits

In [4]:
```
# Importing necessary Libraries
import seaborn as sns
import matplotlib.pyplot as plt
# Importing Required Dataset
ghulab=sns.load_dataset("iris")
# bar plot Command
sns.barplot(x="species", y="petal_length", data=ghulab)
plt.xlim(0.1)
plt.ylim(0.1)
plt.title("Ghulab ka plot")
plt.show()
```



Set Style

In [5]:
```
# Importing necessary Libraries
import seaborn as sns
import matplotlib.pyplot as plt
# Importing Required Dataset
ghulab=sns.load_dataset("iris")
#Setting Style
sns.set_style("whitegrid")
# bar plot Command
sns.barplot(x="species", y="petal_length", data=ghulab)
plt.title("Ghulab ka plot")
plt.show()
```

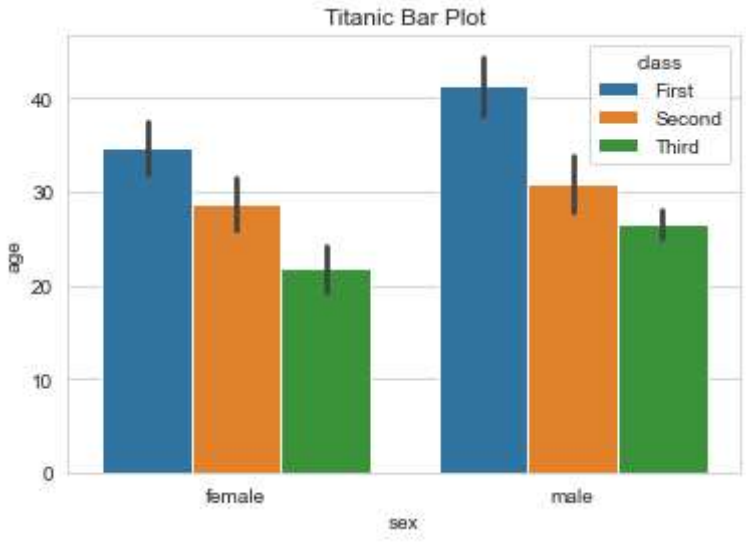
Setting Size of Figure

In [6]:
```
# Importing necessary Libraries
import seaborn as sns
import matplotlib.pyplot as plt
# Importing Required Dataset
ghulab=sns.load_dataset("iris")
# bar plot Command
sns.barplot(x="species", y="petal_length", data=ghulab)
plt.title("Ghulab ka plot")
#Setting Size Of figure
plt.figure(figsize=(10,1))
plt.show()
```


```
<Figure size 720x72 with 0 Axes>
```

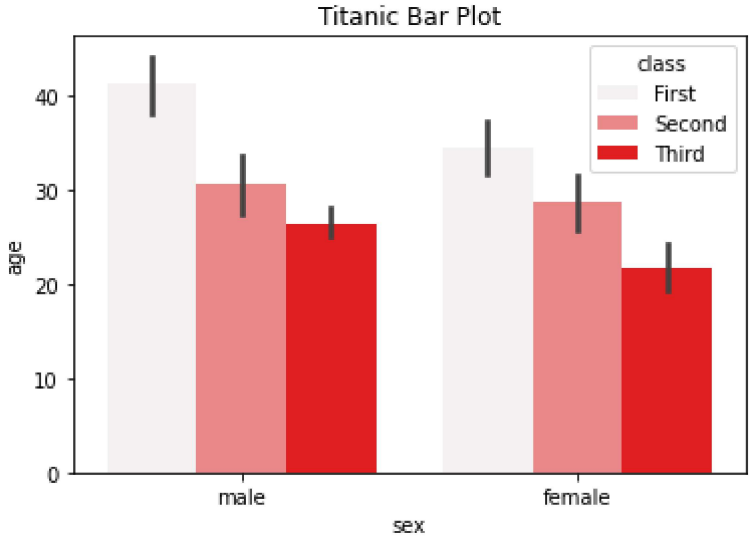
Setting Order

In [7]:
```
# Importing necessary Libraries
import seaborn as sns
import matplotlib.pyplot as plt
# Importing Required Dataset
titanic=sns.load_dataset("titanic")
# bar plot Command
sns.barplot(x="sex", y="age",hue="class",data=titanic, order=["female","male"])
plt.title("Titanic Bar Plot")
plt.show()
```



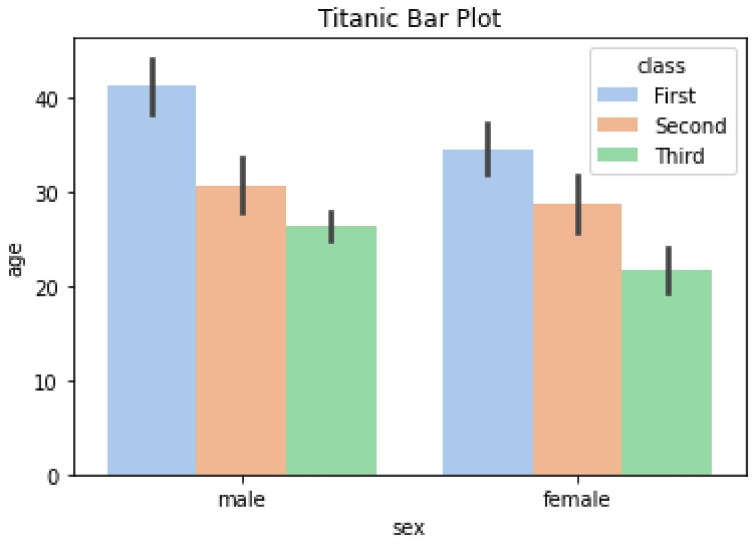
Different Colour Palletes

In [11]:
```
# Importing necessary Libraries
import seaborn as sns
import matplotlib.pyplot as plt
# Importing Required Dataset
titanic=sns.load_dataset("titanic")
# bar plot Command
sns.barplot(x="sex", y="age",hue="class",data=titanic, color="red")
plt.title("Titanic Bar Plot")
plt.show()
```



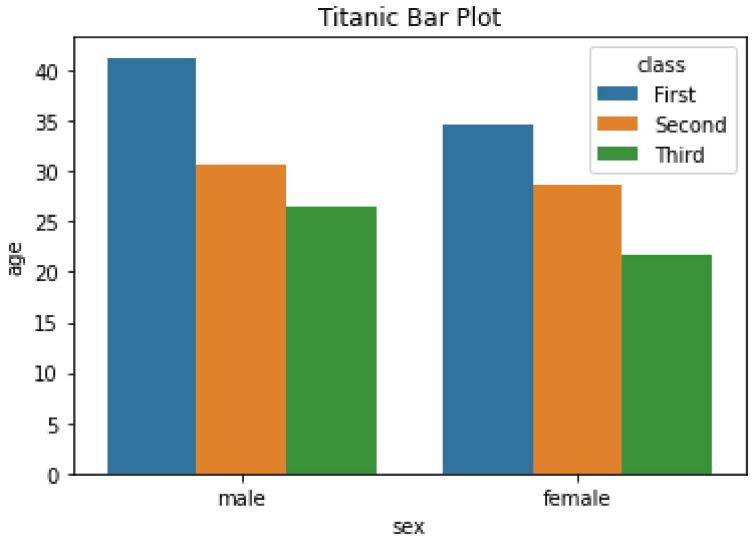
Using Builtin Palettes

In [9]:
```
# Importing necessary Libraries
import seaborn as sns
import matplotlib.pyplot as plt
# Importing Required Dataset
titanic=sns.load_dataset("titanic")
# bar plot Command
sns.barplot(x="sex", y="age",hue="class",data=titanic, palette="pastel")
plt.title("Titanic Bar Plot")
plt.show()
```



Removing Error Bars

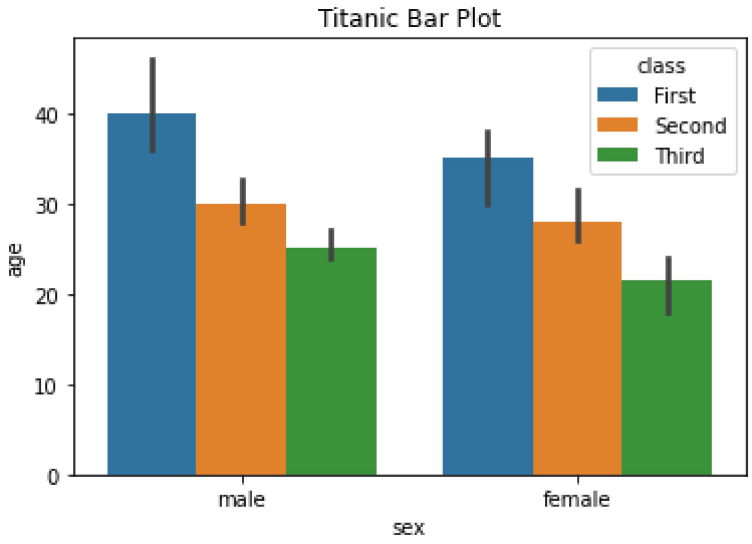
In [8]:
```
# Importing necessary Libraries
import seaborn as sns
import matplotlib.pyplot as plt
# Importing Required Dataset
titanic=sns.load_dataset("titanic")
# bar plot Command
sns.barplot(x="sex", y="age",hue="class",data=titanic, ci=None)
plt.title("Titanic Bar Plot")
plt.show()
```



Using Estimator

In [10]:
```
# Importing necessary Libraries
import seaborn as sns
```

```
import matplotlib.pyplot as plt
# Import numpy Library for mean function
from numpy import median
# Importing Required Dataset
titanic=sns.load_dataset("titanic")
# bar plot Command
sns.barplot(x="sex", y="age",hue="class",data=titanic, estimator=median)
plt.title("Titanic Bar Plot")
plt.show()
```



Color Saturation

In [6]:

```
# Importing necessary Libraries
import seaborn as sns
import matplotlib.pyplot as plt
# Importing Required Dataset
titanic=sns.load_dataset("titanic")
# bar plot Command
sns.barplot(x="sex", y="age",hue="class",data=titanic, color="red", saturation=0.2)
plt.title("Titanic Bar Plot")
plt.show()
```