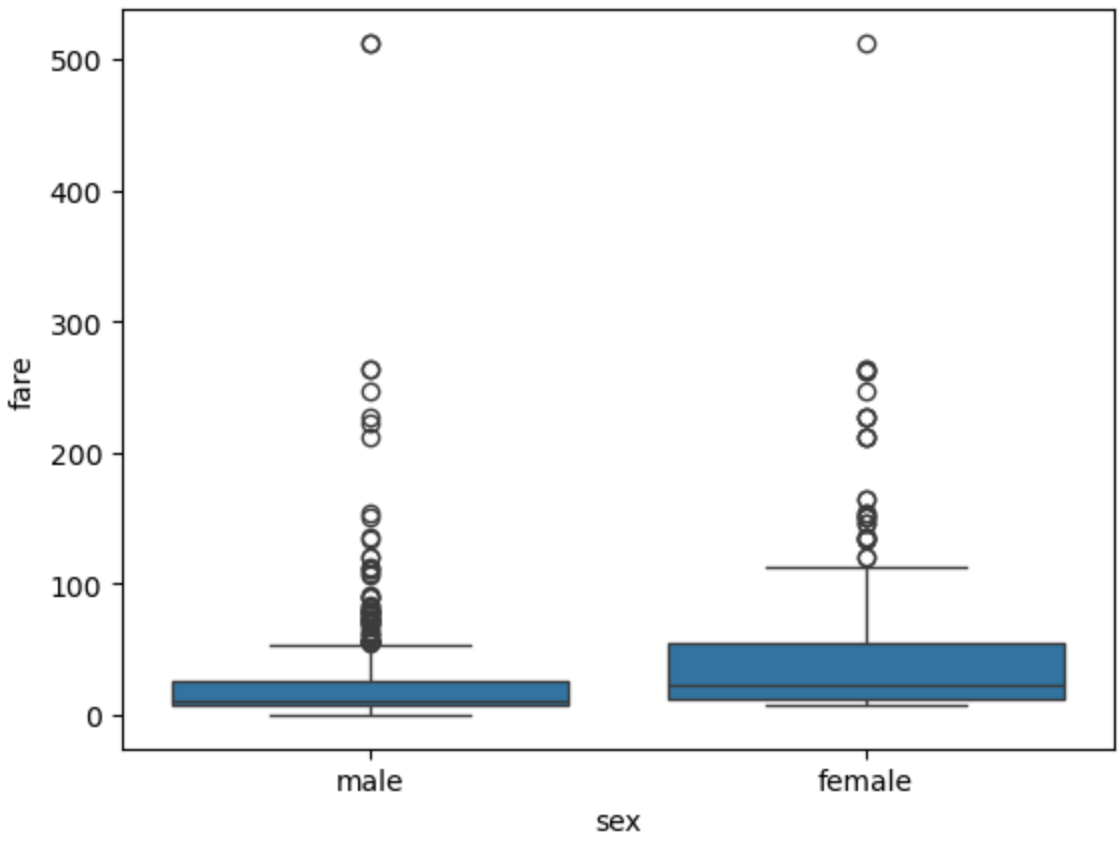
In [7]:
```
import seaborn as sns
import pandas as pd
import numpy as np
kashti=sns.load_dataset("titanic")
kashti.head(5)
```

Out[7]:

| | survived | pclass | sex | age | sibsp | parch | fare | embarked | class | who | adult_m |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **0** | 0 | 3 | male | 22.0 | 1 | 0 | 7.2500 | S | Third | man | T |
| **1** | 1 | 1 | female | 38.0 | 1 | 0 | 71.2833 | C | First | woman | Fa |
| **2** | 1 | 3 | female | 26.0 | 0 | 0 | 7.9250 | S | Third | woman | Fa |
| **3** | 1 | 1 | female | 35.0 | 1 | 0 | 53.1000 | S | First | woman | Fa |
| **4** | 0 | 3 | male | 35.0 | 0 | 0 | 8.0500 | S | Third | man | T |

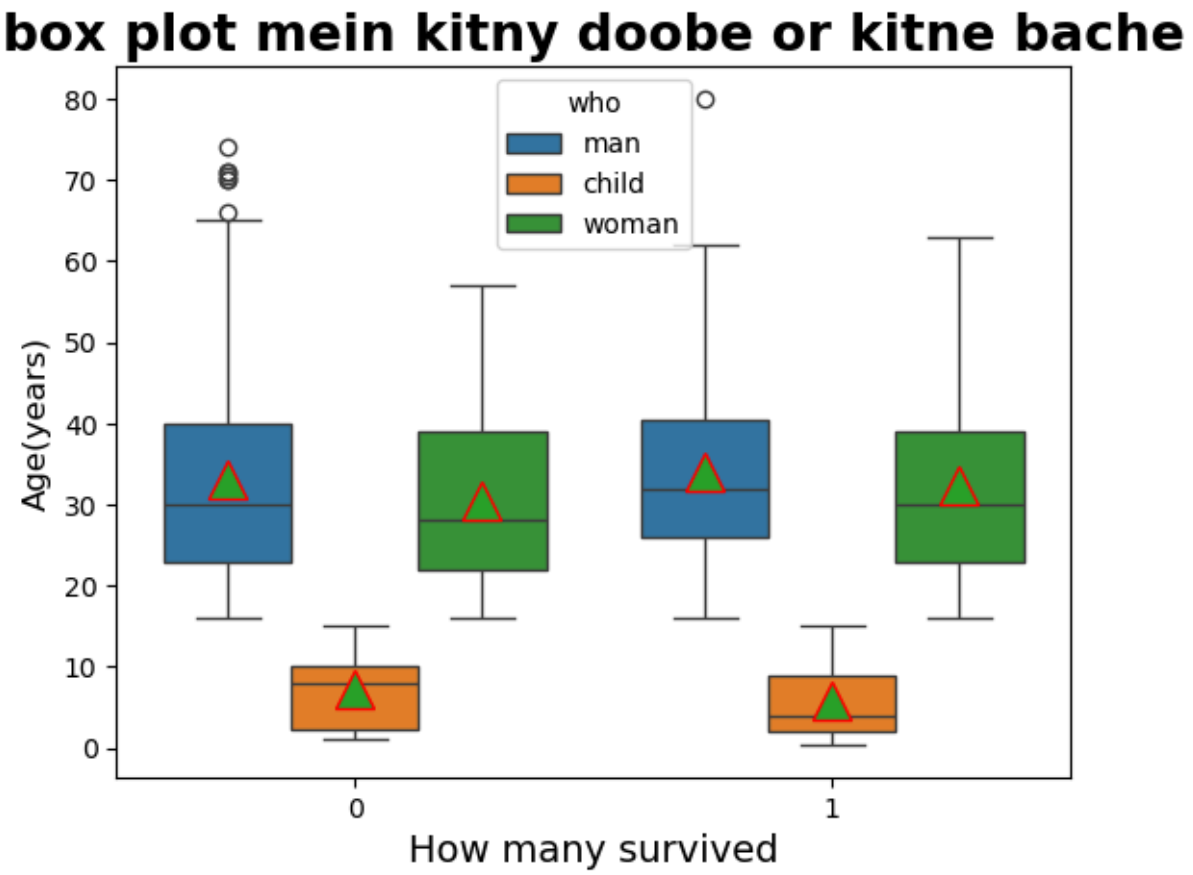
In [9]:
```
sns.boxplot(x="sex",
            y="fare",
            data=kashti)
```

Out[9]:
```
<Axes: xlabel='sex', ylabel='fare'>
```




In [8]:
```
import seaborn as sns
import numpy as np
import pandas as pd
```

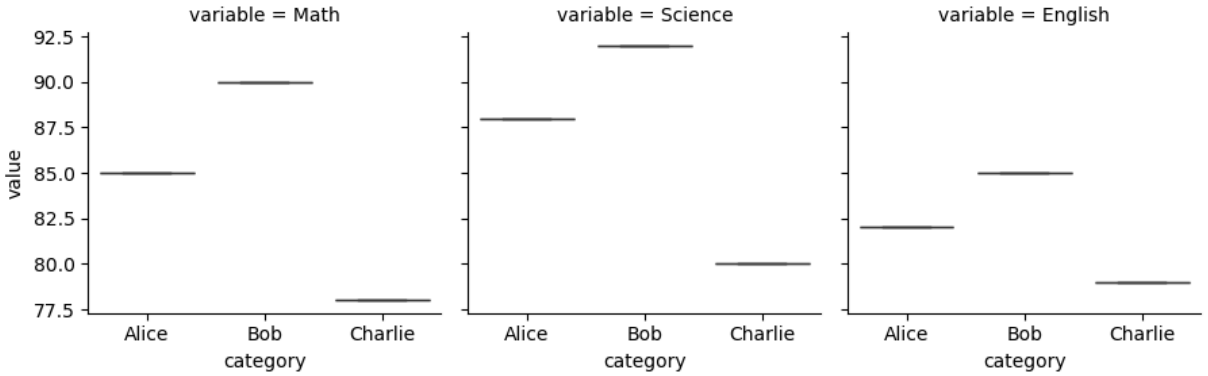
```
import matplotlib.pyplot as plt
kashti=sns.load_dataset("titanic")
kashti
sns.boxplot(x="survived",
            y="age",
            hue="who",showmeans=True,
            data=kashti,
           meanprops={"marker":"^",
                      "markersize":"15",
                      "markeredgecolor":"red"})
plt.xlabel("How many survived",size=14)
plt.ylabel("Age(years)",size=12)
plt.title("box plot mein kitny doobe or kitne bache",size=19,weight="bold")
plt.show()
```




In [19]:

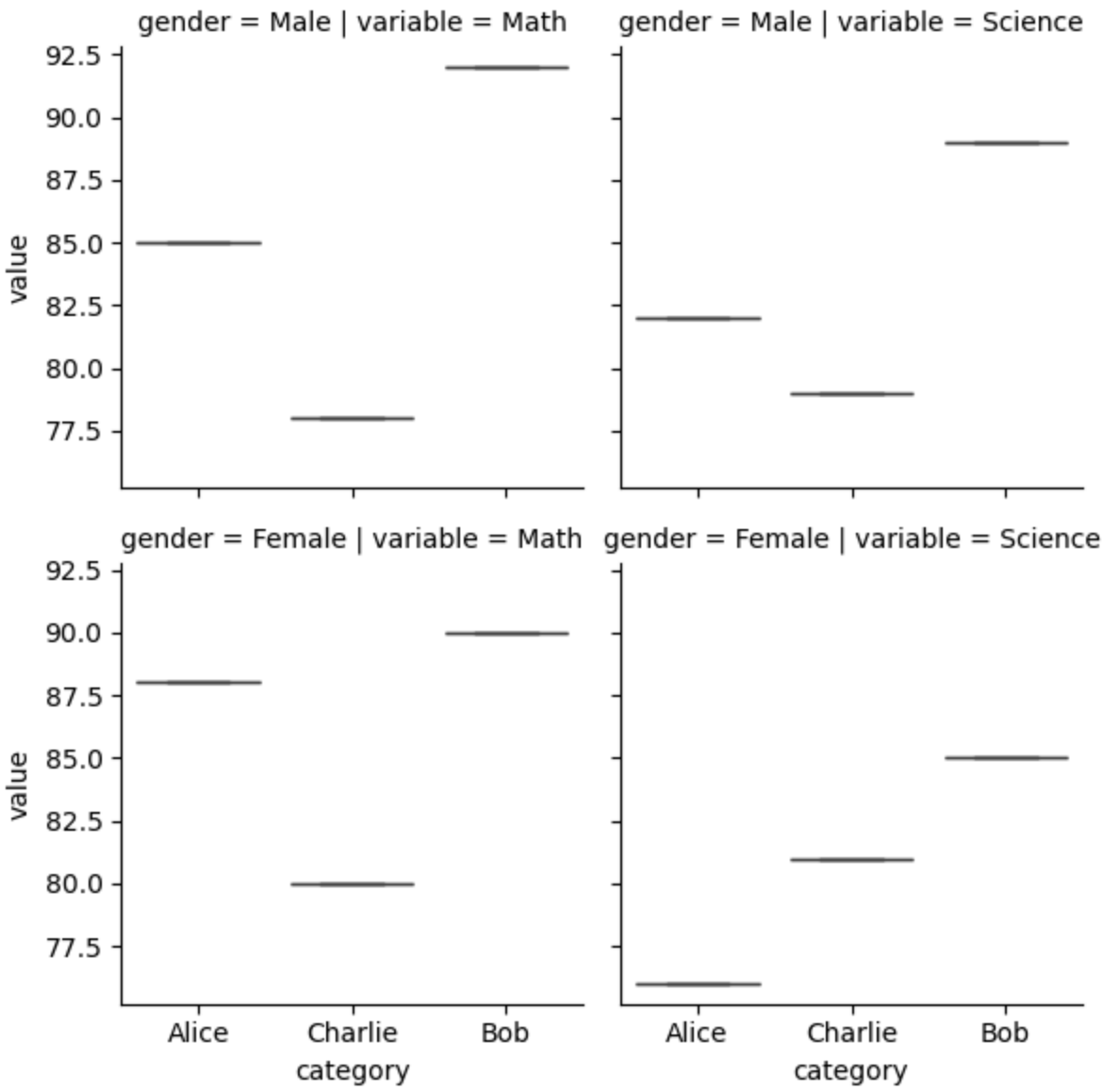
```
import seaborn as sns
import matplotlib.pyplot as plt
import pandas as pd

data = pd.DataFrame({
    "variable": ["Math"] * 3 + ["Science"] * 3 + ["English"] * 3,  # Facet variable
    "category": ["Alice", "Bob", "Charlie"] * 3,  # X-axis
    "value": [85, 90, 78, 88, 92, 80, 82, 85, 79]  # Y-axis
})

g = sns.FacetGrid(data,col="variable", col_wrap=3)
g.map(sns.boxplot, "category", "value")
plt.show()
```

```
C:\Users\Shopyydoo.ppkk\anaconda3\Lib\site-packages\seaborn\axisgrid.py:718: UserWarning: Using the boxplot function without specifying `order` is likely to produce an incorrect plot.
  warnings.warn(warning)
```

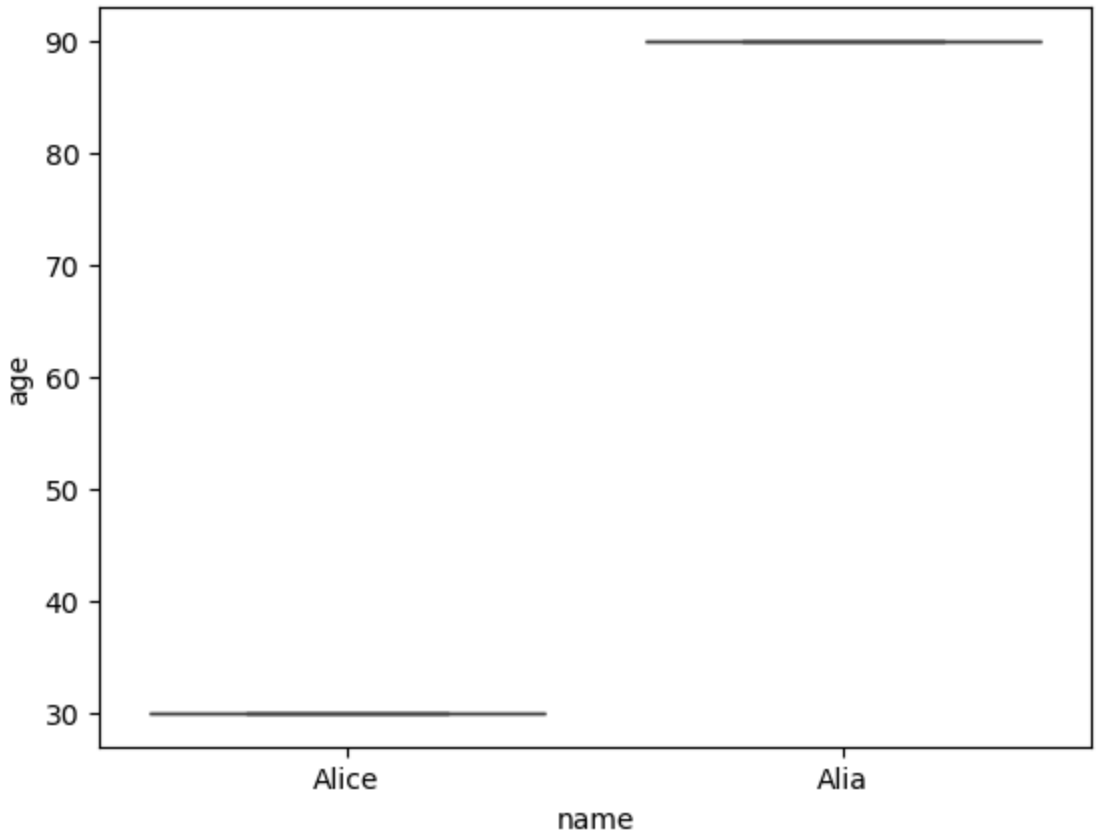



In [21]:
```
import seaborn as sns
import pandas as pd
import matplotlib.pyplot as plt

data = pd.DataFrame({
    "variable": ["Math"] * 6 + ["Science"] * 6,  # Column variable (Subjects)
    "category": ["Alice", "Bob", "Charlie"] * 4,  # X-axis (Students)
    "gender": ["Male", "Female"] * 6,  # Row variable (Gender)
    "value": [85, 90, 78, 88, 92, 80, 82, 85, 79, 76, 89, 81]  # Y-axis (Scores)
})

g = sns.FacetGrid(data, row="gender", col="variable")
g.map(sns.boxplot, "category", "value")


plt.show()
```

```
C:\Users\Shopyydoo.ppkk\anaconda3\Lib\site-packages\seaborn\axisgrid.py:718: UserWarning: Using the boxplot function without specifying `order` is likely to produce an incorrect plot.
  warnings.warn(warning)
```




In [36]:
```
import pandas as pd
import numpy as np
import seaborn as sns
data = pd.DataFrame({
    "name":["Alice","Alia"],
    "age":[30,90],
    "gender":["Male","female"],
    "height":[3.7,4.3]
})

df = pd.DataFrame(data, columns=["Name", "Age", "gender"])
sns.boxplot(x="name",y="age",data=data)
plt.show()
```


90
80
70
60
50
40
30
age
Alice
Alia
name