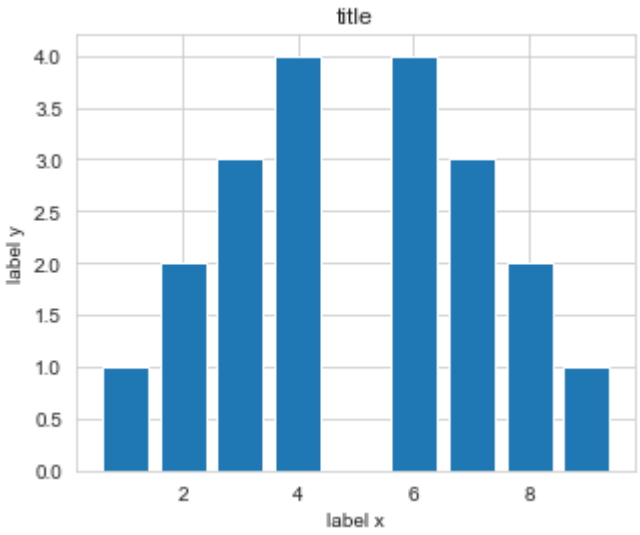
In [1]:
```
import numpy as np
import pandas as pd
from pandas import Series, DataFrame

import matplotlib.pyplot as plt
from matplotlib import rcParams

import seaborn as sb
```

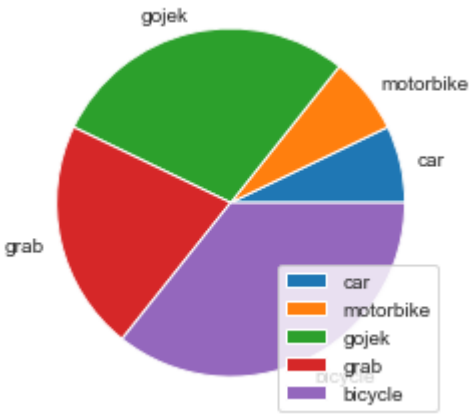
In [2]:
```
%matplotlib inline
rcParams['figure.figsize'] = 5,4
sb.set_style('whitegrid')
```

In [9]:
```
x = range(1,10)
y = [1,2,3,4,0,4,3,2,1]

plt.xlabel('label x')
plt.ylabel('label y')
plt.title('title')
plt.bar(x,y)
```

Out[9]: <BarContainer object of 9 artists>

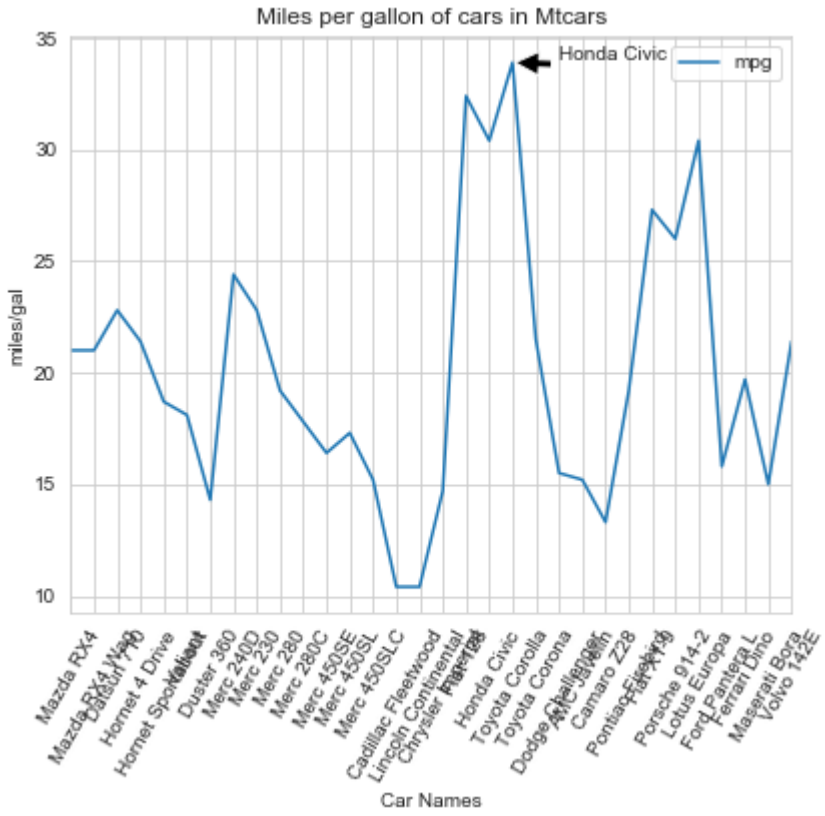


In [18]:
```
z = [1,1,4,3,5]
veh_type = ('car', 'motorbike', 'gojek', 'grab', 'bicycle')
plt.pie(z, labels = veh_type)
plt.legend(veh_type, loc = 'best')
plt.show()
```



In [34]:
```
address = 'C:/Users/muham/mtcars.csv'
cars = pd.read_csv(address)
mpg = cars.mpg

fig = plt.figure()
ax = fig.add_axes([.1,.1,1,1])
mpg.plot()

ax.set_xticks(range(32))
ax.set_xticklabels(cars.car_names, rotation = 60, fontsize = 'medium')
ax.set_xlabel('Car Names')
ax.set_ylabel('miles/gal')
ax.set_title('Miles per gallon of cars in Mtcars')
ax.legend(loc='best')
ax.annotate('Honda Civic', xy=(19,33.9), xytext=(21,34), arrowprops=dict(facecol
```

Out[34]: Text(21, 34, 'Honda Civic')



In [30]:
```
mpg.max()
```

Out[30]: 33.9