```
In [1]: import matplotlib.pyplot as plt
In [2]: x = [1,2,3,4,5,6,7,8]
         y = [5,2,4,2,1,4,5,2]
In [3]: plt.scatter(x,y,label='skitscat',color='k')
         plt.xlabel('x')
         plt.ylabel('y')
         plt.title('Scatter Plot')
         plt.legend()
         plt.show()
                               Scatter Plot
            5.0
            4.5
            4.0
            3.5
          > 3.0
           2.5
            2.0
           1.5
                   skitscat
           1.0
In [ ]:
```